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NAVAL WEATHER SERVICE DETACHMENT /SHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) AGANA, G--ETC(U)
JUN 78

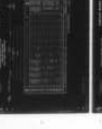
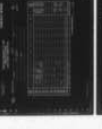
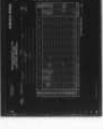
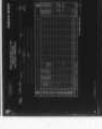
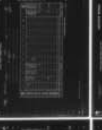
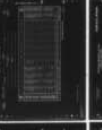
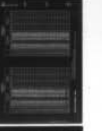
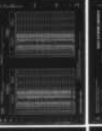
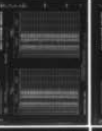
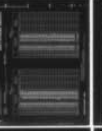
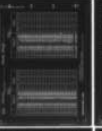
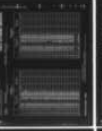
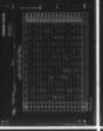
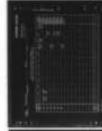
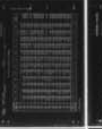
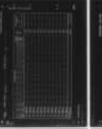
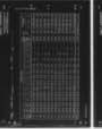
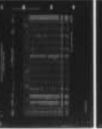
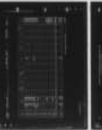
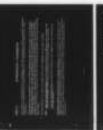
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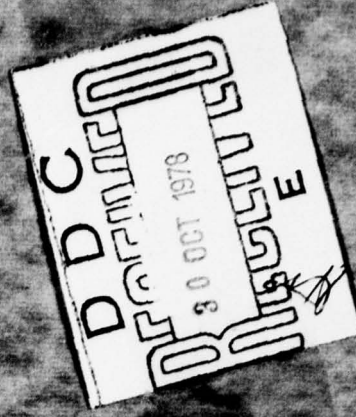
DIRECTOR

NAVAL OCEANOGRAPHY AND METEOROLOGY

S M O S

(Summary of Meteorological Observations, Surface)

Prepared by
Naval Weather Service Detachment
Federal Building
Asheville, N. C. 28801



Station: AGANA GUAM

Date: JUNE 1978

Job Number: 12006

Period: 1969-77

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18. SUPPLEMENTARY NOTES		
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Climatology, surface wind, temperature, precipitation, ceiling, visibility, relative humidity, station pressure, extreme temperatures, sea level pressure, daily temperature, weather conditions, monthly climatology, Naval shore facility, coastal region, snow depth, cloud cover, Agana, Guam		
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) This data report consists of a six part statistical summary of surface weather observations. The six parts are: Part A - Weather Conditions/Atmospheric Phenomena, Part B - Precipitation/Snowfall/Snow Depth, Part C - Surface Winds, Part D - Ceiling versus Visibility/Sky Cover, Part E - Psychrometric Summaries, Part F - Station Pressure/Sea Level Pressure		

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV. (FT)	CALL SIGN	WMO NUMBER
41406	Agana, Guam	13°30'N	144°48'E	269	PGUM	91212

STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF BARO LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			FEET	TYPE BAROMETER	
1.	In Weather Central spaces	FWC	Installed	1958	13°30'N	144°48'E	244	Fortin	24
2.	*Weather service office, first deck Ops Building	NAS	1958	1961	"	"	254.7	"	24
3.	New barometer installed north wall, weather service spaces	NAS	1961	1966	"	"	** 254.7	"	24
4.	Lowered from previous position	NAS	1966		"	"	253.8	"	24
1a.	GMQ 14B console	NAS	1962		"	"	257	Aneroid	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1.	Installed	On 18 foot mast atop platform located on terminal building roof	3 cup	unknown	63'	1. Barograph (Aero, 1932 USN) 2. Semi-auto Met station (AN/GNQ-14B) 3. Ceiling light (ML-121-H) * NAS Agana, Guam was activated on 1 April 1958.
2.	1959	Between runway 6L and 6R and approximately in the center	AN/UMQ-5	RD-108	*** 14'	** Surveyed by Public Works surveyor 2 Dec 1959 and found to be accurate
3.	1976	Between runway 6L and 6R and approximately in the center	AN/UMQ-5	RD-108	26'	*** Raised an additional 12 feet to provide for better exposure.

NWSD, Federal Building
Asheville, N. C.

78 10 27 100

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE

DIRNAVOCEANMET ltr 3146 Ser 1032 dated 26 August 1977 (NOTAL) established the following policy for SMOS production and updating:

1. Ten years of data will be used as the standard period of record (POR).
2. All available data will be used for extreme values.
3. Summarize (update) every five years.
 - a. Summarize the five year period (1973-1977) for all sections of the SMOS except extremes. The 5 year summary will be an intermediate SMOS to show secular trends. All available data through 1977 will be included for extreme values.
 - b. The update in 1983 will include the POR 1973 through 1982, with all available data through 1982 for extreme values.
 - c. The update in 1988 will be an intermediate SMOS (POR 1983-1987). All available data through 1987 will be included for extreme values.
 - d. In 1993 the POR will be 1983 through 1992. All available data through 1992 will be used for extreme values.

Each standard POR (10 years) summary should be retained by individual stations along with the SMOS prepared in 1973. The retention of these summaries will provide the most comprehensive climatological file for your station.

DESCRIPTION: Preceding each section is a brief description of the data comprising each part of the summary and the manner of presentation. Tabulations are prepared from 3-hourly and daily observations recorded by stations operated by the U.S. Navy and U.S. Marine Corps. 3-hourly observations are defined as these record or record-special observations recorded at scheduled 3-hourly intervals. Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations (prepared from record-special, local, summary of the day, remarks, etc.).

COMMENT: All observations summarized in this tabulation have been computer edited for consistency and reasonableness prior to, or during, the processing stage. Efforts to improve the quality of the data after summarization are expensive, i.e., the improvement might consist of the elimination of one suspect or erroneous value. The cost of preparing "perfect" copy can be prohibitive due to the handwork involved. Suspect cases will occur infrequently, but users should not disregard extreme values completely as some could be valid. Questionable values will most likely be single occurrences shown by a percentage frequency of ".0". (This value indicates a percent less than ".05," which, in most cases, reflects a single observation.) Since most stations summarized now have in excess of 10,000 3-hourly observations, the occurrence of an occasional spurious value should not in itself be considered significant. Every effort is made by this office to maintain a high degree of accuracy and reliability in these tables, and the Naval Weather Service Detachment (NWSD), Asheville, N. C. welcomes your comment and criticisms.

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from 3-hourly observations, and is presented in three tables as follows:

1. By month and annual, all hours and years combined.
2. By month and annual, all hours and years combined, by wind direction.
3. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

NOTE: The total number of observations may vary among tables within the same month and period. Percentages may not always equal 100.0 due to rounding practices.

PART A

ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrences of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual columns may not equal the total columns.

This presentation is by month with annual totals, and is prepared with all years combined.

NOTE: A day with rain and/or drizzle was not separately reported in WBAN data prior to January 1949. Therefore percentages in this column are restricted to the period January 1949 and later.

A day with dust and/or sand was punched and included in this summary only when visibility was less than $5/8$ mile.

Percentage Frequency of Wind Direction vs. Weather Conditions - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and years combined. The main body of the Summary consists of weather conditions (horizontally) and wind directions (vertically) to 16 compass points (plus calm). Column totals show the number of observations. "% Total" indicates percentage frequency of occurrences.

WEATHER CONDITIONS

JAN
MONTH

73-77
YEARS

AGANA, GUAM
STATION NAME

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	01	.6	5.8				5.8						155
	04		7.7				7.7						155
	07		10.3				10.3						155
	10		6.5				6.5						155
	13		10.3				10.3	.6				.6	155
	16		3.9				3.9					.6	155
	19		4.5				4.5						155
	22		3.9				3.9						155
TOTALS		.1	6.6				6.6	.2				.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 8

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH FEB

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
FEB	01		6.4				6.4						141
	04		7.8				7.8						141
	07		5.0				5.0						141
	10		4.3				4.3						141
	13	.7	3.5				3.5						141
	16		7.1				7.1						141
	19	.7	5.7				5.7						141
	22		2.1				2.1						141
TOTALS		.2	5.2				5.2						1128

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WEATHER CONDITIONS

5761 WEATHER CONDITIONS JAN 08 0000

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0000

41406 STATION AGANA, GUAM 73-77 MAR MONTH

STATION NAME YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAR	01		5.2				5.2						155
	04		5.8				5.8						155
	07		9.0				9.0						155
	10		2.6				2.6						155
	13		6.5				6.5						155
	16		3.2				3.2						155
	19		4.5				4.5						155
	22		2.6				2.6						155
TOTALS			4.9				4.9						1240

WEATHER CONDITIONS

APR
MONTH73-77
YEARSAGANA, GUAM
STATION NAME41406
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
APR	01		6.7				6.7						150
	04		6.7				6.7						150
	07		8.0				8.0						150
	10		3.3				3.3						150
	13		4.0				4.0						150
	16		4.7				4.7						150
	19		3.3				3.3						150
	22		3.3				3.3						150
TOTALS			5.0				5.0						1200

WEATHER CONDITIONS

41406 STATION AGANA, GUAM 73-77 YEARS MAY MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
MAY	01		7.1				7.1		.6			.6	155
	04		7.1				7.1						155
	07		5.2				5.2						155
	10		5.2				5.2						155
	13	.6	5.2				5.2						155
	16	.6	5.2				5.2						155
	19		5.2				5.2						155
	22	.6	7.7				7.7						155
TOTALS		.2	6.0				6.0		.1			.1	1240

WEATHER CONDITIONS

JUN
MONTH

73-77
YEARS

AGANA, GUAM
STATION NAME

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUN	01		5.3				5.3						150
	04		9.3				9.3						150
	07		3.3				3.3						150
	10	.7	2.7				2.7						150
	13		5.3				5.3						150
	16	.7	4.0				4.0						150
	19		2.7				2.7						150
	22		5.3				5.3						150
TOTALS		.2	4.7				4.7						1200

WEATHER CONDITIONS

41406 STATION AGANA, GUAM 73-77 YEARS MONTH JUL

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JUL	01		9.0				9.0						155
	04		7.1				7.1						155
	07		5.2				5.2						155
	10	.6	7.7				7.7						155
	13	.6	4.5				4.5						155
	16	2.6	7.7				7.7						155
	19		7.1				7.1						155
	22	.6	3.9				3.9		.6			.6	155
TOTALS		.6	6.5				6.5		.1			.1	1240

WEATHER CONDITIONS

41406 STATION AGANA, GUAM 73-77 YEARS MONTH AUG

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
AUG	01	.6	9.0				9.0		.6			.6	155
	04	.6	13.5				13.5		.6			.6	155
	07		12.3				12.3						155
	10	.6	13.5				13.5						155
	13	1.9	17.4				17.4						155
	16		9.7				9.7						155
	19	2.6	14.2				14.2						155
	22	.6	11.6				11.6						155
TOTALS		.9	12.7				12.7		.2			.2	1240

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1978

41406 STATION AGANA, GUAM 73-77 YEARS MONTH SEP

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
SEP	01	1.3	8.1				8.1						149
	04	.7	12.8				12.8						149
	07	1.3	10.7				10.7						149
	10	.7	8.7				8.7		.7			.7	149
	13	1.3	8.1				8.1						149
	16		12.8				12.8						149
	19		10.1				10.1						149
	22	.7	5.4				5.4						149
TOTALS		.8	9.6				9.6		.1			.1	1192

WEATHER CONDITIONS

5701 WEATHER CONDITIONS JAN 1988

OCT
MONTH

73-77
YEARS

AGANA, GUAM
STATION NAME

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER-STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
OCT	01		9.7				9.7						155
	04	.6	12.3				12.3						155
	07	.6	6.5				6.5						155
	10		9.0				9.0						155
	13	.6	5.2				5.2						155
	16	.6	11.0				11.0						155
	19		9.7				9.7						155
	22		11.6				11.6						155
TOTALS		.3	9.4				9.4						1240

WEATHER CONDITIONS

41406

STATION AGANA, GUAM

73-76

STATION NAME

YEARS

DEC

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
DEC	01		5.6				5.6						124
	04		6.5				6.5						124
	07		4.8				4.8						124
	10		1.6				1.6						124
	13		5.6				5.6		.8			.8	124
	16		4.8				4.8						124
	19		4.8				4.8						124
	22		8.1				8.1						124
TOTALS			5.2				5.2		.1			.1	992

WEATHER CONDITIONS

ALL MONTH

73-77

AGANA, GUAM

41406 STATION

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	ALL	.1	6.6				6.6	.2				.2	1240
FEB		.2	5.2				5.2						1128
MAR			4.9				4.9						1240
APR			5.0				5.0						1200
MAY		.2	6.0				6.0		.1			.1	1240
JUN		.2	4.7				4.7						1200
JUL		.6	6.5				6.5		.1			.1	1240
AUG		.9	12.7				12.7		.2			.2	1240
SEP		.8	9.6				9.6		.1			.1	1192
OCT		.3	9.4				9.4						1240
NOV		.2	6.9				6.9		.2			.2	1200
DEC			5.2				5.2		.1			.1	992
TOTALS		.3	6.9				6.9	.0	.1			.1	14352

WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

5701 WEATHER CONDITIONS JAN 68

41406

AGANA, GUAM

49-77

ALL

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA FROM DAILY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN &/OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	DAILY	.7	75.6				75.6	.2				.2	899
FEB		.4	73.4				73.4	.4	.2			.6	819
MAR		.2	72.4				72.4		.1			.1	899
APR		.3	76.6				76.6	.2	.3			.6	870
MAY		1.2	74.5				74.5	.3	.9			1.2	899
JUN		2.4	81.0				81.0		.6			.6	870
JUL		11.6	88.8				88.8		.2			.2	899
AUG		14.3	84.6				84.6		.4			.4	899
SEP		15.6	87.6				87.6		.2			.2	868
OCT		9.9	87.7				87.7	.1	.1			.2	899
NOV		4.1	86.8				86.8		.1			.1	869
DEC		1.4	80.8				80.8		.6			.6	899
TOTALS		5.2	80.8				80.8	.1	.3			.4	10589

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406

AGANA, GUAM

JAN 1973-DEC 1977

JANUARY

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	8.6	5.7												85.7
NNE	2.8	8.3	.9						1.8					88.1
NE	.8	6.0												93.2
ENE	1.0	4.6												94.4
E	1.0	3.8	.3					.3						94.8
ESE	1.8	7.3												90.9
SE		9.1												90.9
SSE		16.7												83.3
S														100.0
SSW		66.7												33.3
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
NNW														100.0
VARIABLE														100.0
CALM														100.0
TOTAL	16	64	.2					1	2					1158
% TOTAL	1.3	5.2	.2					.1	.2					93.4

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM JAN 1973-DEC 1977 FEBRUARY ALL
STATION NAME MONTH YEARS HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	8.3	10.4												81.3
NNE	2.5	3.8						.6						93.1
NE	.5	2.8												96.8
ENE	.3	3.2												96.5
E	.3	3.1												96.6
ESE	2.6	10.5						2.6						84.2
SE	16.7													83.3
SSE	9.1	9.1												81.8
S														
SSW														
SW														
WSW														
W		33.3												66.7
WNW														100.0
NW														100.0
NNW		20.0												80.0
VARIABLE														
CALM														100.0
TOTAL	15	44						2						1067
% TOTAL	1.3	3.9						.2						94.6

TOTAL NUMBER OF OBSERVATIONS 1,128

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406

AGANA, GUAM

STATION NAME

JAN 1973-DEC 1977

YEARS

MARCH

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		4.8	2.4											92.9
NNE	.6	2.3												97.1
NE	1.0	3.5												95.5
ENE	1.4	3.4												95.2
E	.3	5.6												94.0
ESE		8.3												91.7
SE														100.0
SSE														100.0
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W		100.0												100.0
WNW														100.0
NW														66.7
NNW	33.3													100.0
VARIABLE														100.0
CALM														100.0
TOTAL	11	49	1											1179
% TOTAL	.9	4.0	.1											95.1

TOTAL NUMBER OF OBSERVATIONS

1,240

NAVWEASERVCOM

5708 % FREQ. WIND DIR. WEATHER JAN 68

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM JAN 1973-DEC 1977 MONTH APRIL ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		3.3												96.7
NNE		2.2												97.8
NE		5.8												94.2
ENE		4.1												95.9
E		4.3												95.7
ESE		8.7												91.3
SE														
SSE														100.0
S														100.0
SSW	25.0													75.0
SW		50.0												50.0
WSW	22.2													77.8
W	28.6													71.4
WNW														
NW	100.0													
NNW														100.0
VARIABLE														
CALM		20.0												80.0
TOTAL	7	53												1140
% TOTAL	.6	4.4												95.0

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM JAN 1973-DEC 1977 MONTH MAY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	25.8	3.2												71.0
NNE	2.5	5.0												92.5
NE		4.2												95.8
ENE	.3	2.1												97.6
E		3.0						.3						96.7
ESE	1.2	1.2												97.6
SE	4.2	4.2	2.1					2.1						87.5
SSE	2.4	4.9						2.4						92.7
S	12.1	12.1												75.8
SSW	25.0	8.3												66.7
SW	33.3	33.3												33.3
WSW	40.0													60.0
W	40.0	40.0												20.0
WNW		28.6												71.4
NW														100.0
NNW	37.5													62.5
VARIABLE														
CALM		2.5									2.5			95.0
TOTAL	29	44	1					3						1162
% TOTAL	2.3	3.6	.1					.2						93.8

TOTAL NUMBER OF OBSERVATIONS 1,239

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406

AGANA, GUAM

STATION NAME

JAN 1973-DEC 1977

YEARS

JUNE

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE		5.3												94.7
NE		2.5												97.5
ENE		3.1												96.9
E		3.9						.4						96.1
ESE		6.4												91.6
SE	2.7	6.7												90.7
SSE	3.0	3.0												93.9
S		13.3												86.7
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW		25.0												75.0
NW														100.0
NNW														100.0
VARIABLE														97.3
CALM		2.7												97.3
TOTAL	3	54						2						1143
% TOTAL	.3	4.5						.2						95.3

TOTAL NUMBER OF OBSERVATIONS

1,200

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM JAN 1973-DEC 1977 YEARS MONTH JULY ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	6.7	3.3												90.0
NNE	2.2	6.7												91.1
NE	1.4	4.3												94.2
ENE	.7	4.0												95.4
E		3.8												96.2
ESE	2.4	4.9						1.2						92.7
SE	3.7	4.9												91.3
SSE	1.9	7.7												90.4
S	5.9	5.9												88.2
SSW														100.0
SW		40.0						20.0						60.0
WSW	14.3													85.7
W	7.7							7.7						84.6
WNW		10.0												90.0
NW		11.8						5.9						82.4
NNW		12.5						6.3						81.3
VARIABLE														
CALM	4.3	4.3						.9						89.7
TOTAL	22	59						7						1154
% TOTAL	1.8	4.8						.6						93.1

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406

AGANA, GUAM

STATION NAME

JAN 1973-DEC 1977

YEARS

AUGUST

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET " SHOWERS ICE CRYSTALS	SNOW " GRAINS " PELLETS " SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	3.4	10.3						10.3						75.9
NNE		12.5												87.5
NE	1.7	11.9												86.4
ENE	2.7	4.0												93.3
E	2.5	5.4												92.1
ESE	2.0	7.8						1.3						89.5
SE	6.8	5.7						1.1						87.5
SSE	4.4	4.4												91.2
S	6.3	14.7												78.9
SSW	9.4	15.1												75.5
SW	15.8													84.2
WSW	25.0	15.0						5.0						60.0
W	22.2	6.7						4.4						68.9
WNW	5.9	5.9						5.9						82.4
NW	13.3	33.3												53.3
NNW		11.1												88.9
VARIABLE														
CALM														
TOTAL	58	99						11						1074
% TOTAL	4.7	8.0						.9						86.6

TOTAL NUMBER OF OBSERVATIONS

1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406

AGANA, GUAM

STATION NAME

JAN 1973-DEC 1977

YEARS

SEPTEMBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		4.8						4.8						95.2
NNE	3.8	7.5												88.7
NE		4.2						1.4						95.8
ENE	2.1	4.1	.7					.4						93.2
E	1.6	7.1	.4					1.1						90.5
ESE	2.2	3.2						1.7						93.5
SE	5.2	10.3						1.7						84.5
SSE	1.7	5.0						1.1			1.1			75.3
S	12.9	10.8												79.3
SSW	10.3	10.3												83.3
SW	5.6	11.1												91.1
WSW	8.9													88.7
W	2.8	7.0	1.4											83.3
WNW	3.3	13.3						3.3						75.0
NW		25.0												96.2
NNW		3.8												
VARIABLE														
CALM	1.7		.8					.8						96.7
TOTAL	40	70	4					9				1		1073
% TOTAL	3.4	5.9	.3					.8				.1		90.0

TOTAL NUMBER OF OBSERVATIONS

1,192

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM STATION NAME JAN 1973-DEC 1977 YEARS OCTOBER MONTH ALL HOURS (LOCAL)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N		6.9												93.1
NNE		2.0												98.0
NE	.8	3.3												95.9
ENE	.7	5.2						.4						93.7
E	1.7	5.9						.3						92.5
ESE	6.8	12.7						.8						80.5
SE	7.4	8.6												84.0
SSE	5.8	7.7												86.5
S	6.1	9.1												84.8
SSW		33.3												66.7
SW		25.0												75.0
WSW		16.7												83.3
W	3.8	3.8												92.3
WNW	7.7	7.7												84.6
NW	33.3													66.7
NNW		7.1												92.9
VARIABLE														98.0
CALM	6.0	6.0						1.0						
TOTAL	35	81						4						1123
% TOTAL	2.8	6.5						.3						90.6

TOTAL NUMBER OF OBSERVATIONS 1,240

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

STATION 41406 ACANA, GUAM STATION NAME JAN 1973-DEC 1977 YEARS NOVEMBER MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.0	15.0												80.0
NNE		2.8												97.2
NE		1.9												98.1
ENE	.6	4.2												95.3
E	2.2	4.6									.2			93.2
ESE	3.4	4.1						.7			.7			91.8
SE		9.2												90.8
SSE	6.3	12.9												81.3
S	20.0	30.0												50.0
SSW		40.0												60.0
SW		50.0						50.0						
WSW														100.0
W	20.0													80.0
WNW		39.3												66.7
NW														100.0
NNW	25.0													75.0
VARIABLE														
CALM	4.3													95.7
TOTAL	23	60						2						1115
% TOTAL	1.9	5.0						.2						92.9

TOTAL NUMBER OF OBSERVATIONS 1,200

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 STATION AGANA, GUAM JAN 1973-DEC 1977 MONTH DECEMBER ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREEZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N														100.0
NNE		4.2												95.8
NE		4.9												95.1
ENE	.3	4.2												95.5
E	.8	5.3									.3			93.9
ESE		5.5												94.5
SE		10.0												90.0
SSE		50.0												50.0
S														100.0
SSW														100.0
SW														100.0
WSW														100.0
W														100.0
WNW														100.0
NW														100.0
N'W														100.0
VARIABLE														100.0
CALM														100.0
TOTAL	4	68												940
% TOTAL	.4	4.8												94.8

TOTAL NUMBER OF OBSERVATIONS 992

PERCENTAGE FREQUENCY OF WIND DIRECTION
VS. WEATHER CONDITIONS

41406 AGANA, GUAM STATION NAME JAN 1973-DEC 1977 YEARS ALL MONTH ALL HOURS (L.S.T.)

WIND DIRECTION	RAIN	RAIN SHOWERS	DRIZZLE	FREZZING RAIN FREEZING DRIZZLE	SLEET SHOWERS ICE CRYSTALS	SNOW GRAINS PELLETS SHOWERS	HAIL SMALL HAIL	THUNDER	FOG	ICE FOG GROUND FOG	SMOKE HAZE	BLOWING SNOW	BLOWING SAND AND DUST	NO WEATHER
N	5.6	6.2	.3					1.2						87.0
NNE	1.4	4.6	.1					.1	.2					93.8
NE	.3	4.4						.1						95.1
ENE	.7	3.8	.0					.0						95.4
E	.8	4.6	.0					.1			.0			94.5
ESE	2.3	6.6						.7			.1			90.8
SE	4.4	7.0	.2					.6						88.2
SSE	3.5	6.3						.6						89.9
S	0.3	11.3						.3			.3			80.1
SSW	9.9	14.0												76.0
SW	8.9	14.3						3.6						75.0
WSW	12.8	4.6						.9						82.6
W	9.8	6.7	.5					1.6						81.9
WNW	3.2	12.6						2.1						83.2
NW	8.3	11.1						1.4						79.2
NNW	4.7	6.6						.9						87.7
VARIABLE														
CALM	2.1	3.4	.2					.7			.3			93.1
TOTAL	263	725	8					41	2		7			13328
% TOTAL	1.8	5.1	.1					.3	.0		.0			92.9

TOTAL NUMBER OF OBSERVATIONS 14,351

PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This portion of the Uniform Summary presents in two sets of tables, the daily amounts and extreme values of the following:

PRECIPITATION	DERIVED FROM DAILY OBSERVATIONS
SNOWFALL*	DERIVED FROM DAILY OBSERVATIONS
SNOW DEPTH	DERIVED FROM DAILY OBSERVATIONS

1. The first table for each of the above presents the percentage frequency of various daily amounts, by month and annual, all years combined. The percentage of days with measurable amounts is also computed monthly and annually. Also shown for the precipitation and snowfall tables, are the monthly mean amounts, annual mean amounts (sum of monthly mean amounts), and the extreme monthly amounts (greatest and least). The latter statistics above are not presented for the snow depth summary since they would have limited use and may be misleading.
2. The second set of tables for each of the above presents the extreme daily amounts by individual year and month for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months). The extremes for a month are not printed nor used in computations if one or more observations are missing.

NOTE: Snow depth was recorded and punched at various hours during the period available from U. S. operated stations. The periods and hours used in the snow depth summary vary by service and period as follows:

Air Force Stations	From beginning of record thru 1945	Snow depth at 0800 LST
	Jan 46-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT
U. S. Navy and Weather Bureau Stations	From beginning of record thru Jun 52	Snow depth at 0030 GCT
	Jul 52-May 57	Snow depth at 1230 GCT
	Jun 57-present	Snow depth at 1200 GCT

* Hail was included in snowfall occurrence in the summary of the day observation prior to Jan 1956,

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
PRECIPITATION
(FROM DAILY OBSERVATIONS)

41406 STATION AGANA, GUAM STATION NAME 45, 47-77 YEARS

5722 Daily Amounts Jan. 1969

PRECIP.	NONE	TRACE	01	.02-.05	.06-10	.11-25	26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4					
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120					
JAN	23.8	13.9	5.9	16.7	10.3	14.0	8.6	3.2	3.0	.6				62.4	930	4.87	18.09	1.15
FEB	26.7	18.0	6.5	16.0	10.7	12.5	5.1	2.2	1.8	.4	.1			55.3	848	2.99	9.25	.31
MAR	27.5	16.8	7.8	14.9	7.7	13.9	5.4	2.6	1.3					53.7	930	2.79	9.27	.58
APR	23.2	19.0	6.3	18.4	8.2	13.9	5.8	3.1	1.6	.3	.1			57.8	900	3.62	15.28	.51
MAY	24.7	16.1	5.2	17.0	6.6	13.3	7.1	4.4	2.3	.9	.4			59.2	961	5.61	24.07	.78
JUN	18.3	11.6	5.4	17.6	11.5	16.8	10.2	5.8	2.7	.1				70.1	930	4.91	11.66	1.20
JUL	11.2	10.0	4.5	14.2	9.4	17.5	14.9	10.2	7.3	.9				78.8	961	9.48	17.69	4.46
AUG	13.7	7.8	3.9	12.8	10.1	15.1	12.9	12.0	9.6	1.9	.3			78.5	961	12.40	23.29	3.91
SEP	12.1	7.0	2.8	9.5	9.7	18.4	14.3	13.6	10.7	1.7	.3			80.9	870	13.26	21.56	3.91
OCT	11.9	9.7	3.3	13.3	8.6	14.4	16.5	10.7	9.8	1.5	.2	.1		78.5	961	12.32	26.47	4.27
NOV	13.3	10.5	5.4	13.6	10.8	18.2	12.2	9.3	5.7	1.0				76.2	870	8.29	14.50	2.57
DEC	18.5	11.0	7.2	18.7	10.9	16.1	9.7	5.2	2.4	.2				70.4	961	4.86	8.45	1.88
ANNUAL	18.7	12.8	5.3	15.2	9.7	15.3	10.2	6.9	4.8	.8	.1	.0		68.5	11083	85.42		

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOWFALL
(FROM DAILY OBSERVATIONS)

41406 STATION AGANA, GUAM STATION NAME 45, 47-77 YEARS

5722 Daily Amounts Jan. 1969

PRECIP.	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.4	100.5-200.4	200.5-400.4	400.5-800.4	800.5-1600.4	PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
																				MEAN	GREATEST	LEAST
SNOWFALL	NONE	TRACE	0.1-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-5.4	5.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	50.5-100.4	100.5-200.4	200.5-400.4	400.5-800.4	800.5-1600.4					
SNOW DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120									
JAN	100.0																		899	.0	.0	.0
FEB	100.0																		820	.0	.0	.0
MAR	100.0																		899	.0	.0	.0
APR	100.0																		840	.0	.0	.0
MAY	100.0																		837	.0	.0	.0
JUN	100.0																		840	.0	.0	.0
JUL	100.0																		961	.0	.0	.0
AUG	100.0																		930	.0	.0	.0
SEP	100.0																		870	.0	.0	.0
OCT	100.0																		961	.0	.0	.0
NOV	100.0																		900	.0	.0	.0
DEC	100.0																		899	.0	.0	.0
ANNUAL	100.0																		10656	.0		

NAVWEASERVCOM

DAILY AMOUNTS

PERCENTAGE FREQUENCY OF
SNOW DEPTH
(FROM DAILY OBSERVATIONS)

41406 STATION AGANA, GUAM STATION NAME 69-59, 62-77 YEARS

AMOUNTS (INCHES)																			PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS.	MONTHLY AMOUNTS (INCHES)		
PRECIP.	NONE	TRACE	01	.02-.05	06-10	11-.25	26-.50	.51-1.00	1.01-2.50	2.51-5.00	5.01-10.00	10.01-20.00	OVER 20.00		MEAN	GREATEST	LEAST						
													OVER 50.4	OVER 120									
SNOWFALL	NONE	TRACE	01-0.4	0.5-1.4	1.5-2.4	2.5-3.4	3.5-4.4	4.5-6.4	6.5-10.4	10.5-15.4	15.5-25.4	25.5-50.4	OVER 50.4										
SNOW- DEPTH	NONE	TRACE	1	2	3	4-6	7-12	13-24	25-36	37-48	49-60	61-120	OVER 120										
JAN	100.0														589								
FEB	100.0														538								
MAR	100.0														620								
APR	100.0														600								
MAY	100.0														589								
JUN	100.0														540								
JUL	100.0														651								
AUG	100.0														713								
SEP	100.0														570								
OCT	100.0														682								
NOV	100.0														600								
DEC	100.0														589								
ANNUAL	100.0														7281								

NAVWEASERVCOM

EXTREME VALUES

PRECIPITATION
(FROM DAILY OBSERVATIONS)

41406

AGANA, GUAM

STATION

STATION NAME

45-77

YEARS

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45											.61		
46													
47	2.15	.39	.20	2.42	3.61	1.65	2.20	.86	1.63	2.59	2.23	1.40	
48	.61	.24	.34	1.00	.35	1.22	1.36	1.77	1.58	3.20	1.92	1.81	3.20
49	.31	.29	.57	.35	4.42	2.15	2.77	2.03	3.23	2.33	1.57	.28	3.23
50	.80	1.53	.55	3.16	.31	.82	1.22	1.60	9.28	4.68	1.86	.93	9.28
51	.41	.17	.16	.36	1.46	.37	1.90	1.70	.93	6.27	2.07	2.35	3.39
52	.30	5.88	.35	.37	.43	.50	2.14	5.53	3.39	2.07	3.47	.86	
53	4.69	.53	.22	.50	.44	1.47	.82	2.21	2.77	15.48	3.47	.65	4.69
54	1.19	.63	.55	.67	.86	1.31	2.29	2.13	2.65	1.49	.88	1.94	2.65
55	.75	1.14	.48	.54	1.18	.66	2.19	1.82	2.32	1.70	3.48	2.29	3.48
56	.68	.32	.61	.57	1.12	1.54	1.23	2.64	2.48	2.30	3.98	.52	3.98
57	3.48	.59	.16	.57	.77	2.30	2.82	3.03	1.95	2.00	1.66	1.61	3.48
58	.68	.22	.59	1.03	.17	.43	.97	3.04	2.44	2.47	1.29	1.15	3.04
59	.55	.07	1.07	.28	1.51	.96	1.09	1.48	1.04	1.10		1.80	
60	1.40	.58	.58	1.50	.90	1.69	.84	3.69	2.23	2.85	2.16	1.56	3.69
61	1.25	2.53	.61	2.09	1.66	3.15	2.90	5.73	3.31	2.35		2.42	
62	2.19	2.87	.57	5.83	2.65	.80	1.92	.91	2.31	5.52	.99	1.73	5.53
63	.46	.52	.79	2.07	2.92	.86	1.55	1.90	1.65	1.72	1.66	1.28	2.92
64	2.85	.36	.22	.15	.22	.96	2.52	1.20	3.25	1.41	.99	.36	3.25
65	.47	.18	.29	.15	.34	1.29	.89	4.87	6.01	1.39	1.41	.87	6.01
66	1.11	.41	1.75	.77	1.04	1.66	1.73	4.40	5.28	3.05	3.33	.35	5.28
67	1.08	2.40	.46	.68	.82	1.69	1.71	2.32	3.23	3.13	1.74	.29	3.23
68	.43	1.01	1.10	.81	1.01	.41	1.46	1.21	1.31	4.29	1.28	2.82	4.29
69	2.18	.47	.57	.36	.62	1.20	1.37	2.22	1.25	.79	1.28	.78	2.22
70	.76	2.63	1.54	.66	6.68	.91	4.48	4.89	1.09	1.36	1.22	.60	6.68
71	1.49	1.53	.97	.24	.59	1.75	2.57	4.43	4.70	.93	.66	.55	4.70
72	.30	.38	.18	.18	.74	.85	1.25	2.01	.61	3.20	.64	.82	3.20
73	.63	.57	1.79	3.29	5.71	1.60	3.08	4.53	4.92	2.42	1.28	1.80	5.71
MEAN													
S. D.													
TOTAL OBS.													

PRECIPITATION
FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS
41406	AGANA, GUAM	45-77

[illegible]

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PRECIPITATION
FROM DAILY OBSERVATIONS

41406 AGANA, GUAM

45-77

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

[illegible]

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 41406 AGANA, GUAM STATION NAME YEARS 45-77

24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45									.0		.0		
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
MEAN													
S. D.													
TOTAL OBS.													

5723 Extreme Values Jan 1969

2

AGANA, GUAM

45-77

AGANA, GUAM

STATION

STATION NAME

YEARS

24 HOUR AMOUNTS IN INCHES

[illegible]

NAVWEASERVCOM

5723 Extreme Values Jan 1969

0 0

EXTREME VALUES

SNOWFALL
(FROM DAILY OBSERVATIONS)

STATION 41406 AGANA, GUAM STATION NAME YEARS 45-77

24 HOUR AMOUNTS IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45										.0 30		.0 1	SNOWFALL DAYS
46	.0 30	.0 25											SNOWFALL DAYS
47						.0 29							SNOWFALL DAYS
48								.0 30					SNOWFALL DAYS
51											.0 29		SNOWFALL DAYS
52				.0 29									SNOWFALL DAYS
53								.0 29					SNOWFALL DAYS
54					.0 30								SNOWFALL DAYS
57					.0 30								SNOWFALL DAYS
64					.0 29	.0 29		.0 29				.0 30	SNOWFALL DAYS
65	0		0	0	0	0					0	0	SNOWFALL DAYS
67		0											SNOWFALL DAYS
75								.0 29					SNOWFALL DAYS
MEAN													
S. D.													
TOTAL OBS.													

EXTREME VALUES

SNOW DEPTH
(FROM DAILY OBSERVATIONS)

STATION 41406 ACANA, GUAM STATION NAME 49-77 YEARS

DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48													
49													
50													
51													
52													
53													
54													
55													
56													
57													
58													
59													
60													
61													
62													
63													
64													
65													
66													
67													
68													
69													
70													
71													
72													
73													
74													
MEAN													
S. D.													
TOTAL OBS.													

EXTREME VALUES

SNOW DEPTH
FROM DAILY OBSERVATIONS

STATION	STATION NAME	YEARS
41406	AGANA, GUAM	49-77

DAILY SNOW DEPTH IN INCHES

[illegible]

NAVWEASERVCOM

EXTREME VALUES

SNOW DEPTH

(FROM DAILY OBSERVATIONS)

49-77

YEARS

AGANA, GUAM

STATION NAME

41406

STATION

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45									0	0	0	0	SNOW DPTH DAYS
46	0	0											SNOW DPTH DAYS
47					0	0	0	0	0	0	0	0	SNOW DPTH DAYS
48	0	0	0	0	0	0	0	0	0	0	0	0	SNOW DPTH DAYS
49	0	0	0			0							SNOW DPTH DAYS
51											0		SNOW DPTH DAYS
52				29	0	7					29		SNOW DPTH DAYS
53	28					0	3	0	0	0			SNOW DPTH DAYS
54	0	0	0	0		0	0	0	0	0	0	0	SNOW DPTH DAYS
55	0	0	0	0	0			0	0	0	0	0	SNOW DPTH DAYS
56				27	29	0	30						SNOW DPTH DAYS
57		27	0		30								SNOW DPTH DAYS
58					0	0	0	0	0	0	0	0	SNOW DPTH DAYS
59	0	0	0	0	3	0	0		0	0	0	0	SNOW DPTH DAYS
60	0	0	0	0	0	1	0	0	0	0	0	0	SNOW DPTH DAYS
MEAN													
S. D.													
TOTAL OBS.													

SNOW DEPTH
FROM DAILY OBSERVATIONS)

49-77

AGANA, GUAM

STATION NAME

YEARS

DAILY SNOW DEPTH IN INCHES
/BASED ON LESS THAN FULL MONTHS/[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

41406
STATION

AGANA, GUAM
STATION NAME

1946-1946 1948-1977
YEARS

DAILY EXTREME AMOUNTS

JANUARY
MONTH

FEBRUARY
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.98	76	1976			
2	0.77	20	1946			
3	1.01	26	1972*			
4	1.49	38	1972			
5	0.28	7	1972			
6	0.63	16	1974			
7	0.58	15	1974			
8	1.02	26	1955			
9	4.69	119	1954			
10	0.68	17	1957			
11	0.68	17	1959			
12	1.47	37	1948			
13	0.46	12	1965*			
14	3.48	88	1958			
15	2.15	55	1948			
16	0.53	13	1963			
17	0.48	12	1961			
18	1.94	49	1963			
19	1.66	42	1970			
20	1.66	42	1975			
21	2.18	55	1970			
22	2.85	72	1965			
23	1.09	28	1965			
24	1.51	38	1970			
25	4.33	110	1976			
26	3.25	83	1976			
27	1.94	49	1976			
28	2.13	54	1963			
29	1.96	50	1965			
30	0.74	19	1976			
31	1.99	51	1963			
Monthly	4.69	119	1954			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.71	18	1976			
2	1.53	39	1951			
3	2.53	64	1962			
4	0.41	10	1976			
5	0.25	6	1973			
6	1.14	29	1976			
7	2.87	73	1963			
8	1.19	30	1951			
9	2.63	67	1971			
10	0.44	11	1971			
11	0.70	18	1976			
12	0.58	15	1968			
13	0.73	19	1971			
14	0.43	11	1970			
15	0.36	9	1965*			
16	0.30	8	1964			
17	0.32	8	1955			
18	0.59	15	1958			
19	1.01	26	1969			
20	0.95	24	1968			
21	0.63	16	1955			
22	5.88	149	1953			
23	1.06	27	1951			
24	0.54	14	1958			
25	2.40	61	1968			
26	1.05	27	1968			
27	1.03	26	1968			
28	1.01	26	1963			
29	1.53	39	1972			
30						
31						
Monthly	5.88	149	1953			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

41406

AGANA, GUAM

STATION

STATION NAME

MARCH

MONTH

1946-1946 1946-1977

YEARS

APRIL

MONTH

DAILY EXTREME AMOUNTS

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.49	12	1967			
2	1.54	39	1971			
3	0.42	11	1968			
4	0.51	13	1961			
5	0.21	5	1951			
6	0.80	20	1971			
7	0.36	10	1977			
8	0.51	13	1951			
9	1.07	27	1960			
10	0.55	14	1951			
11	0.49	12	1974			
12	0.42	11	1967			
13	1.79	45	1974			
14	1.01	26	1974			
15	1.11	28	1974			
16	1.77	45	1974			
17	1.44	37	1971			
18	1.75	44	1967			
19	1.43	36	1967			
20	0.47	12	1976			
21	0.68	17	1975			
22	0.34	9	1949			
23	0.71	18	1974			
24	0.58	15	1961			
25	0.81	21	1977			
26	0.51	13	1976			
27	0.61	15	1957			
28	2.21	56	1976			
29	1.10	28	1976			
30	0.81	21	1976			
31	0.49	12	1976			
Monthly	2.21	56	1976			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

41406
STATION

AGANA, GUAM
STATION NAME

1946-1977
YEARS

DAILY EXTREME AMOUNTS

MAY
MONTH

JUNE
MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	0.18	5	1972*			
2	2.55	65	1963			
3	6.68	170	1971			
4	2.34	59	1971			
5	1.08	27	1950			
6	1.46	37	1952			
7	1.12	28	1957			
8	1.37	35	1964			
9	4.42	112	1950			
10	0.74	19	1973			
11	0.65	17	1976			
12	2.07	53	1964			
13	1.21	31	1976			
14	0.84	21	1955			
15	1.37	35	1947			
16	2.92	74	1964			
17	3.50	89	1974			
18	3.39	86	1977			
19	1.96	50	1963			
20	3.41	87	1976			
21	7.91	201	1976			
22	5.73	146	1976			
23	0.80	20	1974			
24	0.65	17	1963			
25	1.40	36	1976			
26	0.62	16	1956			
27	2.65	67	1963			
28	0.50	13	1967			
29	2.00	51	1963			
30	1.51	38	1960			
31	1.10	28	1963			
Monthly	7.91	201	1976			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.69	43	1961			
2	1.19	30	1950			
3	0.93	24	1968			
4	2.40	61	1962			
5	0.95	24	1967			
6	0.57	14	1963			
7	1.80	46	1974			
8	0.67	17	1948			
9	1.31	33	1955			
10	1.20	30	1970			
11	0.65	17	1968			
12	1.62	41	1976			
13	1.46	37	1958			
14	2.30	58	1958			
15	1.05	27	1947			
16	0.64	16	1973			
17	0.52	13	1948			
18	0.51	13	1967			
19	0.34	9	1965*			
20	1.54	39	1957			
21	0.72	18	1967			
22	1.75	44	1972			
23	1.49	38	1967			
24	0.96	24	1960			
25	1.16	29	1968			
26	2.15	55	1950			
27	3.15	80	1962			
28	1.69	43	1968			
29	0.82	21	1962			
30	0.84	21	1948			
31						
Monthly	3.15	80	1962			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY EXTREME AMOUNTS

41406

AGANA, GUAM

1946-1977

STATION

STATION NAME

YEARS

JULY

MONTH

AUGUST

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.36	35	1948			
2	2.20	56	1947			
3	1.43	36	1964			
4	1.25	32	1965			
5	1.90	48	1952			
6	3.08	78	1974			
7	0.86	22	1955			
8	2.00	51	1955			
9	0.86	22	1948			
10	1.92	49	1963			
11	1.53	39	1955			
12	1.23	31	1955			
13	1.60	41	1950			
14	1.90	48	1974			
15	1.16	29	1969			
16	2.82	72	1958			
17	1.06	27	1949			
18	2.10	53	1976			
19	2.77	70	1950			
20	4.48	114	1971			
21	1.85	47	1962			
22	2.52	64	1965			
23	2.57	65	1972			
24	1.80	46	1949			
25	1.99	51	1971			
26	2.93	74	1975			
27	2.88	73	1962			
28	1.76	45	1965			
29	1.21	31	1955			
30	1.55	39	1964			
31	2.90	74	1962			
Monthly	4.48	114	1971			

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.70	43	1952			
2	5.73	146	1962			
3	4.43	113	1972			
4	4.89	124	1971			
5	3.50	89	1976			
6	1.98	50	1961			
7	1.88	48	1967			
8	2.46	62	1967			
9	1.11	28	1975			
10	1.90	48	1967			
11	5.53	140	1953			
12	4.53	115	1974			
13	1.51	38	1973			
14	2.85	72	1961			
15	1.49	38	1962			
16	1.70	43	1949			
17	0.78	20	1968			
18	1.79	45	1953			
19	2.22	56	1970			
20	1.84	47	1954			
21	5.02	128	1976			
22	1.37	35	1974			
23	1.48	38	1966			
24	4.40	112	1967			
25	3.69	94	1961			
26	2.01	51	1973			
27	2.95	75	1974			
28	4.11	104	1953			
29	1.56	40	1959			
30	2.03	52	1949			
31	1.51	38	1949			
Monthly	5.73	146	1962			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

41406

AGANA, GUAM

STATION

STATION NAME

SEPTEMBER

MONTH

YEARS

1945-1977

OCTOBER

MONTH

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	2.77	70	1954			
2	2.32	59	1956			
3	1.60	41	1963			
4	1.95	50	1958			
5	3.18	81	1976			
6	3.22	82	1950			
7	9.28	236	1950			
8	3.94	100	1966			
9	2.44	62	1955			
10	6.01	153	1966			
11	2.03	52	1961			
12	5.28	134	1967			
13	3.67	93	1945			
14	2.95	75	1965			
15	1.92	49	1954			
16	3.44	87	1977			
17	4.70	119	1972			
18	2.23	57	1961			
19	1.26	32	1947			
20	4.92	125	1974			
21	1.58	40	1948			
22	2.03	52	1959			
23	1.76	45	1958			
24	2.27	58	1972			
25	1.29	33	1967			
26	1.25	32	1953			
27	1.56	40	1952			
28	2.63	67	1955			
29	2.92	74	1962			
30	3.31	84	1962			
31	9.28	236	1950			
Monthly						

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.82	46	1962			
2	4.68	119	1950			
3	3.22	82	1954			
4	6.27	159	1951			
5	3.20	81	1973			
6	3.07	78	1945			
7	1.56	40	1961			
8	2.44	62	1951			
9	1.86	47	1951			
10	1.57	40	1973			
11	2.96	75	1963			
12	5.52	140	1963			
13	2.23	57	1951			
14	1.68	43	1950			
15	15.48	393	1953			
16	4.69	119	1953			
17	2.08	53	1969			
18	3.38	86	1969			
19	4.73	120	1977			
20	3.05	77	1967			
21	2.07	53	1952			
22	3.13	80	1968			
23	2.85	72	1961			
24	1.72	44	1964			
25	1.48	38	1973			
26	1.77	45	1947			
27	1.49	38	1955			
28	3.20	81	1948			
29	2.01	51	1969			
30	1.56	40	1952			
31	1.25	32	1976			
Monthly	15.48	393	1953			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION
41406

STATION NAME
AGANA, GUAM

YEARS

NOVEMBER
MONTH

DECEMBER
MONTH

DAILY EXTREME AMOUNTS

1945-1977

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	3.02	77	1976			
2	2.03	52	1961			
3	1.42	36	1948			
4	2.61	66	1951			
5	1.31	38	1952			
6	1.86	47	1950			
7	1.32	34	1956			
8	3.25	83	1977			
9	1.71	43	1977			
10	1.29	33	1962			
11	2.62	67	1954			
12	3.48	88	1956			
13	3.47	88	1953			
14	2.16	55	1961			
15	3.98	101	1957			
16	2.99	76	1957			
17	1.66	42	1964			
18	1.60	41	1950			
19	2.90	74	1975			
20	1.60	41	1967			
21	0.60	15	1965			
22	1.15	29	1968			
23	1.74	44	1968			
24	2.12	54	1953			
25	0.91	23	1970			
26	1.10	28	1970			
27	1.37	35	1954			
28	0.88	22	1955			
29	0.97	25	1960			
30	1.62	41	1968			
31	3.98	101	1957			
Monthly						

DAY	PRECIPITATION GREATEST			SNOWFALL GREATEST		
	INCHES	MM	DATE	INCHES	MM	DATE
1	1.44	37	1969			
2	0.58	15	1953			
3	0.75	19	1963			
4	1.81	46	1948			
5	1.80	46	1974			
6	2.35	60	1951			
7	2.42	61	1962			
8	2.03	52	1962			
9	1.61	41	1958			
10	0.64	16	1970			
11	1.28	33	1964			
12	1.51	38	1960			
13	1.80	46	1960			
14	1.56	40	1961			
15	2.29	58	1956			
16	1.94	49	1955			
17	1.87	47	1951			
18	1.27	32	1962			
19	2.82	72	1969			
20	0.91	23	1976			
21	0.51	13	1976			
22	1.40	36	1947			
23	0.59	15	1952			
24	1.36	35	1976			
25	1.46	37	1963			
26	0.46	12	1948			
27	0.84	21	1956			
28	1.15	29	1959			
29	0.22	6	1969			
30	0.37	9	1950			
31	3.17	81	1952			
Monthly	3.17	81	1952			

* ALSO ON EARLIER YEARS

T - TRACE, AN AMOUNT TOO SMALL TO MEASURE

BLANK UNDER SNOWFALL INDICATES NO SNOWFALL FOR PERIOD OF RECORD

DIRNAVOCEANMET-SMOS

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to ~~Citation~~ specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate percentage frequency tabulations: Derived from 3-hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARBL.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:
 - (1) Annual - all hours combined
 - (2) By month - all hours combined
 - (3) By month - by standard 3-hour groups
- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

EXTREME VALUES

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

41406 AGANA, GUAM STATION NAME 46-77 YEARS

DAILY PEAK GUSTS IN KNOTS

5723 Extreme Values Jan 1969

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45													
46													
47													
48	ESE 36E	27ESE 29SE	26SE 32E	26SE 33SE	27SE 33SE	27SE 33SE	33E 37W	34S 37WSW 42	38N 38SE	38SE 42SE	42SE 40		
49	ESE 35ENE	33ESE 32E	30E 30ESE	30ESE 37SW	31SE 37NE	41SE 34ENE	80F 30						ENE 80
50	E 31SE	32											
51	E 29E	29SE	29SE	25SE 29E	28ENE 55SE	30S 37SSE	38E 36						
52	E 34ESE	29E 27E	29ESE 32ESE	33ESE 34SE	28S 34SSW	32NNE 28ESE	33SSE 40SE	67					SE 67
53	SSE 46ESE	45E 31SE	30ESE 29SE	34SE 28S	57SSE 30S	45ESE 44ESE	37						S 57
54	ESE 31E	36E 30ESE	27ESE 30	E 35SE	42SW 50E	40E 38NNE	29						
55	E 31E	30SE 39ESE	29SE 31E	28SE 34	5SW 37	E 38E	36						ESE 40
56	ESE 33E	27E 32ESE	32ESE 33E	27ESE 30SE	34ESE 29SE	30SSE 37ESE	40						84
57	ESE 32ENE	32ENE 28ESE	71ESE 26SE	43ESE 38WNW	38ESE 34SW	42 84ESE	29						SW 52
58	ESE 40E	32ENE 28E	33SE 33ESE	31SE 42ESE	36SW 52ESE	32E 33NE	27						ENE 42
59	ESE 32ENE	38ESE 35ENE	38E 30E	37ESE 28SSW	96S 35ENE	42ESE 28ENE	37						E 42
60	ENE 30ENE	31NNE 30ENE	31ENE 24ENE	27ESE 25WNW	37E 23SW	33E 39E	42						SSE 43
61	NE 41ENE	30E 31ESE	32SE 31ESE	25ESE 30SSE	29SSE 43WSW	43ESE 36E	30						W 46
62	ESE 28E	35ESE 32SE	39E 30S	26ESE 35SE	35W 34W	46ENE 29WNW	36						SE 82
63	N 28NE	27ESE 30SE	82ENE 29ESE	26ESE 45E	26SSE 30WSW	35SE 31SW	32						ESE 54
64	E 29ENE	34E 29ENE	30SSE 34ESE	32E 34S	31ESE 54E	38E 26E	43						SSW 39
65	E 36ENE	28ENE 29E	29E 28E	28SE 38ESE	26SSW 39SSW	29NE 33NE	24						E 38
66	ENE 31ENE	31ENE 29E	34E 25SE	31SE 29WNW	36ESE 30E	31E 38E	37						SW 47
67	E 39E	28E 30E	36NE 23S	27E 23E	27SW 36ESE	37SW 47E	29						W 52
68	ENE 29ENE	30E 32NNW	38ENE 24ESE	25SW 32W	25WSW 31W	52SSE 51E	26						SE 39
69	S 28NNE	24ESE 28E	25ESE 23ESE	23ESE 26WNW	20WNW 21SW	23E 23SE	34						E 40
70	E 26ENE	34E 33E	36E 28E	40W 28E	33E 26E	34E 32E	35						09 70
71	SE 35B3	3005 3009	7009 5412	3112 3020	2706 2713	3312 3209	34						25 49
72	08 3306	3207 3208	3108 2710	2925 4935	2612 2129	2906 2809	29						09 36
73	07 3007	2706 2810	2909 2513	2410 3311	2608 2913	3409 2609	36						21 45
74	35 2604	2708 3009	3126 2909	2808 3321	4530 2117	2810 3309	34						
MEAN													
S. D.													
TOTAL OBS.													

SURFACE WINDS
(FROM DAILY OBSERVATIONS)

41406 AGANA, GUAM

46-77

AGANA, GUAM

YEARS

DAILY PEAK GUSTS IN KNOTS

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
75	10 3606	2606	25	07	2411	2407	2707	3509	29	3704	3504	07 28	
76	09 3715	4206	2706	3202	9613	3506	4020	4217	4010	3704	3504	30	02 96
77	06 2806	3311	2808	2408	26	10	3826	2626	5723	4002	5906	39	
MEAN	32.8	31.3	30.2	36.1	31.4	29.9	33.8	34.1	34.8	36.0	39.3	36.0	53.9
S. D.	4.802	4.616	2.679	14.147	13.697	5.009	6.776	8.471	9.630	6.263	14.383	8.327	17.341
TOTAL OBS.	863	843	929	839	898	830	927	895	893	866	847	925	10545

EXTREME VALUES

SURFACE WINDS
FROM DAILY OBSERVATIONS

66-77

AGANA, GUAM

41406

STATION

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

YEARS

DAILY PEAK GUSTS IN KNOTS
/BASED ON LESS THAN 90% OBSERVATIONS FOR MONTH/

[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

01
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3	.6								1.9	9.7
NNE	1.3	3.2	1.9	1.3								7.7	6.8
NE	2.6	7.1	8.4	3.2								21.3	7.2
ENE	6.5	12.3	14.8	3.9								37.4	6.8
E	1.9	7.1	5.8	3.2								18.1	7.4
ESE	1.9	1.9										3.9	6.3
SE	1.3											1.3	2.5
SSE													
S	.6	.6	.6									1.9	4.7
SSW			.6									.6	10.0
SW													
WSW													
W													
WNW		.6										.6	6.0
NW													
NNW				.6								.6	12.0
VARBL													
CALM												4.5	
	16.1	31.0	35.5	12.9								100.0	6.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.6	10.0
NNE	1.3	4.3	4.3	.6	.6							11.6	7.7
NE	1.3	11.6	8.4	1.9								23.2	6.9
ENE	7.7	11.0	9.0	3.2	.6							31.6	6.2
E	2.6	3.2	9.7	1.9								17.4	7.3
ESE	.6	.6	1.3									2.6	6.3
SE	.6	1.3	.6									2.6	4.5
SSE													
S		.6		.6								1.3	8.0
SSW													
SW													
WSW		.6										.6	4.0
W													
WNW													
NW													
NNW		.6		.6								1.3	8.0
VARBL													
CALM												7.1	
	14.2	34.2	34.2	9.0	1.3							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTH

ALL WEATHER
CLASS

07
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	.6	1.9								3.9	9.3
NNE	.6	3.2	3.9	1.3								9.0	7.4
NE	3.2	7.7	10.3	.6								21.9	6.3
ENE	5.8	14.2	11.6	4.5	.6							36.3	6.8
E	2.6	6.3	8.4	1.3								18.7	6.9
ESE	.6	.6	1.3	.6								3.2	7.2
SE	.6											.6	2.0
SSE		.6										.6	4.0
S			.6									.6	10.0
SSW	.6											.6	1.0
SW													
WSW	.6											.6	2.0
W													
WNW	.6											.6	2.0
NW													
NNW	.6											.6	3.0
VARBL													
CALM												1.9	
	16.8	33.5	36.8	10.3	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3	.6								3.2	7.0
NNE			2.6	6.5								9.0	11.7
NE	.6	.6	7.1	12.3	.6							21.3	11.1
ENE		1.9	15.5	10.3	.6							28.4	10.2
E	1.3	.6	9.7	14.2								25.8	10.8
ESE		.6	1.9	1.9								4.5	9.3
SE		1.9	.6	.6								3.2	7.0
SSE													
S	.6		.6	.6								1.9	7.3
SSW													
SW													
WSW			.6	.6								1.3	6.0
W													
WNW													
NW													
NNW		1.3										1.3	5.0
VARBL													
CALM												.0	
	3.2	6.4	40.0	47.1	1.3							100.0	10.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.3	1.3								3.2	10.6
NNE			2.6	6.5	.6							9.7	12.0
NE			5.2	12.9	2.6							20.6	12.9
ENE		.6	7.7	10.3	3.2							21.9	12.3
E		.6	9.0	14.8	3.2							27.7	12.2
ESE		1.3	4.5	2.6								8.4	9.8
SE			1.3	.6								1.9	10.0
SSE		.6	1.3									1.9	7.7
S		.6	.6									1.3	8.0
SSW													
SW													
WSW		.6										.6	5.0
W			.6									.6	8.0
WNW													
NW		.6										.6	5.0
NNW		.6	.6									1.3	6.5
VARBL													
CALM												.6	
		6.5	34.8	49.0	9.7							100.0	11.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.9	2.6								4.5	11.1
NNE	.6		3.9	3.2								7.7	10.3
NE		1.3	5.2	9.7								16.1	11.5
ENE		.6	6.5	14.8	1.3							23.2	12.2
E		2.6	13.5	17.4								33.5	10.3
ESE	.6	1.3	1.3	2.6								5.8	8.9
SE	1.3	.6	1.3									3.2	5.6
SSE													
S			1.3									1.3	9.0
SSW				.6								.6	12.0
SW													
WSW													
W		.6	.6									1.3	6.0
WNW		.6	.6									1.3	6.0
NW													
NNW	.6		.6									1.3	5.5
VARBL													
CALM												.0	
	3.2	7.7	36.8	51.0	1.3							100.0	10.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.6	.6								3.2	6.0
NNE		2.6	4.5	1.3								8.4	8.5
NE		5.2	10.3	1.3								16.8	7.8
ENE	5.2	14.2	16.1	3.2								38.7	6.7
E	1.9	9.0	4.5	5.2								20.6	7.3
ESE		1.3	1.3	.6								3.2	8.2
SE	.6		.6									1.3	5.0
SSE		.6										.6	6.0
S	.6	.6										1.3	3.5
SSW													
SW													
WSW													
W													
WNW													
NW	1.3	.6	.6									2.6	5.3
NNW													
VARBL													
CALM												3.2	
	11.0	34.8	38.7	12.3								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	.6	.6								1.9	9.0
NNE		3.9	2.6	.6								7.1	6.7
NE	2.6	5.2	9.7	1.9								19.4	7.2
ENE	7.1	9.0	11.0	6.5								33.5	7.1
E	1.3	8.4	10.3	1.9	.6							22.6	7.6
ESE	1.9		1.3	.6								3.9	6.5
SE													
SSE		.6										.6	5.0
S	1.3	.6										1.9	3.0
SSW													
SW													
WSW													
W													
WNW	.6											.6	3.0
NW													
NNW				.6								.6	16.0
VARBL													
CALM												7.7	
	14.8	28.4	35.5	12.9	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.3	.4	1.0	1.0								2.6	9.1
NNE	.5	2.2	3.3	2.7	.2							8.8	8.9
NE	1.3	4.8	8.1	5.5	.4							20.1	8.8
ENE	4.0	8.0	11.5	7.1	.8							31.5	8.1
E	1.5	4.8	8.9	7.5	.5							23.1	9.2
ESE	.7	.7	1.9	1.1								4.4	8.2
SE	.6	.5	.6	.2								1.9	5.8
SSE		.3	.2									.5	6.3
S	.4	.4	.5	.2								1.5	6.2
SSW	.1		.1	.1								.2	7.7
SW													
WSW	.1	.2										.2	3.7
W		.2	.2									.4	6.4
WNW	.2	.2	.1									.4	4.6
NW	.2	.2	.1									.4	5.2
NNW	.2	.3	.2	.2								.9	7.4
VARBL													
CALM												3.1	
	9.9	23.1	36.5	25.6	1.9							100.0	8.2

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANNET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.4	.7								2.8	8.0
NNE	7.1	4.3	2.1	2.8								16.3	4.9
NE	3.5	5.7	12.1	.7								22.0	6.5
ENE	3.5	9.9	8.5	2.8								24.8	6.5
E	2.1	7.1	12.8	3.5								25.5	7.6
ESE		.7	.7	.7								2.1	8.3
SE			1.4									1.4	8.5
SSE			1.4									1.4	7.5
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW	1.4		.7									2.1	4.3
VARBL												1.4	
CALM													
	17.7	28.4	41.1	11.3								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB

MONTH

04

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.4	.7								2.8	8.8
NNE	4.3	4.3	5.0	2.1								15.6	6.4
NE	7.1	7.1	2.8	2.8								19.9	5.6
ENE	2.1	11.3	9.9	3.5								27.0	7.0
E	2.1	7.8	9.9	5.7								25.5	7.9
ESE	.7		.7	.7								2.1	8.0
SE													
SSE		.7										.7	6.0
S													
SSW													
SW													
WSW													
W	.7		.7									.7	2.0
WNW												.7	7.0
NW													
NNW													
VARBL													
CALM												5.0	
	17.0	31.9	30.5	15.6								100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

PER

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.7	.7	2.1								3.5	10.2
NNE	5.0	5.0	7.1	1.4								18.4	6.2
NE	2.8	6.4	6.4	2.1								17.7	6.6
ENE	2.1	11.3	11.3	2.8								27.7	6.7
E	1.4	7.8	12.8	2.1								24.1	7.4
ESE	.7	1.4	.7	2.1								5.0	8.0
SE			.7									.7	8.0
SSE		.7										.7	4.0
S													
SSW													
SW													
WSW													
W		.7										.7	6.0
WNW													
NW													
NNW													
VARBL													
CALM												1.4	
	12.1	34.0	39.7	12.8								100.0	6.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		2.1	2.1	.7								5.0	8.3
NNE			5.0	6.4	.7							12.1	12.1
NE		.7	7.1	10.6								18.4	11.8
ENE		2.1	9.2	12.1	1.4							24.8	11.1
E	.7	2.1	7.1	20.6								30.5	11.4
ESE	.7	.7	1.4	1.4								4.3	9.0
SE		.7		1.4								2.1	10.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW			.7									.7	10.0
NW			.7									.7	8.0
NNW			.7									.7	8.0
VARBL													
CALM												.7	
	1.4	8.5	34.0	53.2	2.1							100.0	11.1

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7			4.3	.7							5.7	12.1
NNE		.7	3.5	7.8	1.4							13.5	12.1
NE			6.4	7.8	.7	.7						15.6	12.6
ENE		.7	5.7	15.6	.7							22.7	12.0
E		.7	8.5	17.7	2.8							29.8	12.6
ESE			1.4	5.0								6.4	11.3
SE		1.4	.7									2.1	7.0
SSE			.7									.7	10.0
S													
SSW													
SW													
WSW													
W		.7										.7	6.0
WNW													
NW			1.9	.7								2.1	10.3
NNW			.7									.7	8.0
VARBL													
CALM												.0	
	.7	4.3	29.1	58.9	6.4	.7						100.0	12.0

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	1.4	4.3								6.4	11.6
NNE		.7	3.5	7.1	.7							12.1	12.1
NE			5.7	12.1								17.7	12.2
ENE	.7	.7	7.1	17.7	1.4							27.7	11.9
E	.7	1.4	8.5	14.2	2.8							27.7	11.6
ESE			1.4	2.1								3.5	11.0
SE			.7									.7	10.0
SSE			1.4									1.4	9.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW			.7	.7								1.4	11.0
NNW			.7	.7								1.4	12.0
VARBL												.0	
CALM													
	1.4	3.5	31.2	58.9	5.0							100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.4	1.4	1.4								3.0	8.3
NNE	1.4	2.8	4.3	3.5								12.1	7.8
NE	1.4	8.5	9.2	.7	.7							20.6	7.2
ENE	1.4	14.2	14.9	4.3								34.8	7.1
E	2.1	5.7	5.7	5.7								19.1	7.6
ESE			1.4	.7								2.1	9.3
SE		.7										.7	6.0
SSE		.7	.7									1.4	7.5
S													
SSW													
SW													
WSW													
W													
WNW													
NW	.7		1.4									2.1	6.7
NNW		.7	.7									1.4	6.5
VARBL												.7	
CALM													
	7.8	34.8	39.7	16.3	.7							100.0	7.4

TOTAL NUMBER OF OBSERVATIONS

141

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH FEB 22 HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.4	.7								2.8	9.3
NNE	2.8	3.5	4.3	2.1								12.6	6.8
NE	4.3	7.8	5.7	4.3	.7							22.7	7.5
ENE	.7	17.0	11.3	2.1								31.2	6.5
E	.7	7.1	9.9	5.0	.7							23.4	8.4
ESE	.7	.7	.7	.7								1.4	7.0
SE				.7								.7	11.0
SSE			1.4									1.4	7.5
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.7										.7	6.0
VARBL													
CALA												2.8	
	8.5	37.6	34.8	14.9	1.4							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS 141

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.2	.9	1.2	1.9	.1							4.3	9.8
NNE	2.6	2.7	4.3	4.2	.4							14.1	8.2
NE	2.4	4.5	6.9	5.1	.3	.1						19.3	8.5
ENE	1.3	8.4	9.8	7.6	.4							27.6	8.4
E	1.2	5.0	9.4	9.3	.8							25.7	9.5
ESE	.3	.4	1.1	1.6								3.4	9.4
SE		.4	.4	.3								1.1	8.6
SSE		.3	.7									1.0	7.5
S													
SSW													
SW													
WSW													
W	.1	.2										.3	4.7
WNW			.2									.2	8.5
NW	.1		.5	.2								.8	9.0
NNW	.2	.2	.4	.1								.9	7.2
VARBL													
CALM												1.3	
	8.3	22.9	35.0	30.2	2.0	.1						100.0	8.7

TOTAL NUMBER OF OBSERVATIONS

1128

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	4.8
NNE	5.8	6.5	1.9									14.2	4.3
NE	5.8	8.4	11.6	1.9								27.7	6.5
ENE	5.2	9.0	11.0	1.9								27.1	6.7
E	1.9	4.5	9.7	5.2								21.3	8.2
ESE		1.3										1.3	4.5
SE													
SSE			.6									.6	10.0
S			.6									.6	8.0
SSW													
SW													
WSW													
W													
WNW													
NW	.6											.6	2.0
NNW													
VARBL													
CALM												3.2	
	20.6	31.0	36.1	9.0								100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

04

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.3										1.9	4.3
NNE	6.5	7.1	2.6	.6								16.8	4.8
NE	4.5	12.3	8.4									25.2	5.7
ENE	5.2	11.6	7.7	.6								25.2	5.6
E		6.5	12.3	5.2								23.9	8.5
ESE		.6	.6									1.3	6.0
SE													
SSE				.6								.6	12.0
S													
SSW													
SW													
WSW		.6										.6	4.0
W													
WNW													
NW													
NNW		.6										.6	4.0
VARBL													
CALM												3.9	
	16.8	40.6	31.6	7.1								100.0	5.9

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.6	.6	.6								6.5	4.7
NNE	6.5	4.5	3.2	.6								14.8	4.7
NE	7.7	6.4	5.2	.6								21.9	5.4
ENE	1.3	13.5	11.0	3.2	.6							29.7	7.2
E	.6	7.1	11.0	5.2								23.9	8.5
ESE		.6		.6								1.3	9.0
SE													
SSE				.6								.6	12.0
S													
SSW		.6										.6	4.0
SW													
WSW													
W													
WRW													
NW													
NNW													
VARBL													
CALM												.6	
	16.7	37.4	31.0	11.6	.6							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH MAR MONTH 10 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	2.6	.6								4.5	8.0
NNE	.6	1.9	3.9	6.5								12.9	10.2
NE		.6	7.7	17.4								25.8	11.1
ENE		1.9	9.7	12.9	.6							25.2	10.7
E		1.3	9.0	14.8	1.9							27.1	11.7
ESE			1.3	1.9								3.2	12.0
SE													
SSE				.6								.6	13.0
S													
SSW													
SW													
WSW													
W		.6										.6	6.0
WNW													
NW													
NNW													
VARB													
CALM												.0	
	.6	7.7	34.2	54.8	2.6							100.0	10.9

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3		.6								1.9	7.3
NNE			6.5	6.5								12.9	11.0
NE	.6	.6	6.5	14.2	1.3							23.2	12.0
ENE			9.0	14.2	1.3							24.5	11.9
E		.6	8.4	17.4	5.8	.6						32.9	13.2
ESE			.6	1.9								2.6	12.5
SE													
SSE				.6								.6	15.0
S													
SSW													
SW													
WSW													
W													
WRW													
NW			.6									.6	8.0
NNW			.6									.6	10.0
VARB													
CALM												.0	
	.6	2.6	32.3	55.5	8.4	.6						100.0	12.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3	1.3								3.9	8.8
NNE		1.3	5.2	5.2								11.6	10.5
NE		.6	8.4	10.3	1.3							20.6	11.5
ENE		2.6	11.0	18.7								32.3	11.0
E		2.6	7.1	16.1	1.3							27.1	11.7
ESE		.6	1.3	1.3								3.2	10.6
SE				.6								.6	14.0
SSE													
S				.6								.6	14.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL												.0	
CALM												100.0	11.2
		9.0	34.2	54.2	2.6								

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

8000

5702 SURFACE WINDS JAN 78

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0000

STATION NAME
73-77
MAR
MONTH
19
HOURS (L.S.T.)

YEARS

ALL WEATHER
CLASS

CONDITION

SPEED (KNOTS) DIRE.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	.6									2.6	5.3
NNE	1.9	7.1	5.8									14.8	6.1
NE	3.2	9.7	14.2	3.9								31.0	7.2
ENE	.6	13.5	10.3	5.2								29.7	7.6
E	1.9	3.2	8.4	4.5								18.1	8.5
ESE		1.9										1.9	5.3
SE			.6									.6	9.0
SSE													
S				.6								.6	12.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	7.7	37.4	40.0	14.2								100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR

MONTH

22

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	3.8
NNE	5.8	5.2	1.9	.6								13.5	4.9
NE	3.2	10.3	10.3	1.9								25.8	6.5
ENE	4.5	10.3	14.8	5.8								35.5	7.3
E	1.3	5.2	7.1	6.5								20.0	9.0
ESE				.6								.6	12.0
SE			.6									.6	8.0
SSE													
S			.6									.6	9.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.6	
	16.1	32.3	35.5	15.5								100.0	7.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.5	.7	.4								3.4	6.0
NNE	3.4	4.2	3.9	2.5								14.0	6.8
NE	3.1	6.4	9.0	6.3	.3							23.2	8.1
ENE	2.1	7.8	10.6	7.8	.3							28.6	8.5
E	.7	3.9	9.1	9.4	1.1	.1						24.3	10.2
ESE		.6	.5	.8								1.9	9.6
SE			.2	.1								.2	10.3
SSE			.1	.3								.4	12.4
S			.2	.2								.3	10.8
SSW		.1										.1	4.0
SW												.1	4.0
WSW		.1										.1	6.0
W		.1											
WNW													
NW			.1									.1	8.0
NNW	.1	.1	.1									.2	5.3
VARBL													
CALA												1.1	
	10.2	24.8	34.4	27.7	1.8	.1						100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

01

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7									1.3	6.0
NNE	2.7	1.3	2.7									6.7	5.7
NE	.7	8.7	8.0									17.3	6.2
ENE	1.3	12.0	13.3	2.0								28.7	7.2
E		10.0	22.7	8.0								40.7	8.6
ESE		.7	2.0									2.7	7.5
SE													
SSE													
S													
SSW		.7										.7	4.0
SW													
WSW													
W				1.3								1.3	12.0
WNW													
NW													
NNW													
VARBL													
CALM												.7	
	4.7	34.0	49.3	11.3								100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3									2.7	7.5
NNE	6.7	4.0	1.3									12.0	4.0
NE	2.0	12.0	3.3									17.3	5.4
ENE	2.7	10.7	11.3	2.0								26.7	7.0
E		8.0	20.7	6.0								34.7	8.7
ESE	.7	.7	.7	1.3								3.3	8.0
SE													
SSE													
S													
SSW	.7											.7	3.0
SW			.7									.7	10.0
WSW													
W				.7								.7	13.0
WNW													
NW													
NNW													
VARBL													
CALM												1.3	
	12.7	36.7	39.3	10.0								100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

07

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	1.3									2.7	6.5
NNE		7.3	1.3									8.7	5.7
NE	3.3	5.3	9.3									18.0	6.3
ENE	2.0	10.0	18.7	1.3								32.0	7.2
E	.7	5.3	20.0	8.0	.7							34.7	9.0
ESE			1.3									1.3	10.0
SE													
SSE													
S													
SSW													
SW													
WSW				.7								.7	12.0
W			.7									.7	10.0
WNW													
NW													
NNW													
VARBL													
CALM												1.3	
	6.0	29.3	52.7	10.0	.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.0	.7								2.7	9.5
NNE			2.7	1.3								4.0	11.2
NE	.7	.7	7.3	6.0								14.7	9.8
ENE		.7	9.3	19.3	.7							30.0	11.9
E			10.0	31.3	2.7							44.0	12.9
ESE			1.3	1.3								2.7	11.5
SE													
SSE													
S													
SSW			.7									.7	8.0
SW			.7									.7	10.0
WSW													
W				.7								.7	16.0
WNW													
NW													
NNW													
VARBL												.0	
CALM													
	.7	1.3	34.0	60.7	3.3							100.0	11.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	2.0								2.7	10.5
NNE		.7	4.7	1.3								6.7	9.8
NE		.7	.7	8.0								9.3	12.5
ENE		.7	6.7	21.3	1.3							30.0	12.9
E			6.0	31.3	6.7	.7						44.7	13.7
ESE			1.3	2.0								3.3	11.0
SE													
SSE			.7									.7	10.0
S													
SSW				.7								.7	11.0
SW													
WSW				.7	.7							1.3	15.0
W													
WNW													
NW													
NNW			.7									.7	8.0
VARBL													
CALM												.0	
		2.0	21.3	67.3	8.7	.7						100.0	12.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SWOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

ALL WEATHER
CLASS

16
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			2.7	1.3								4.0	9.7
NNE		.7	3.3	2.0								6.0	9.7
NE			3.3	4.0								7.3	10.5
ENE			11.3	17.3	1.3							30.0	11.7
E		.7	10.0	38.7								49.3	12.5
ESE			.7		.7							1.3	13.0
SE													
SSE													
S													
SSW													
SW													
WSW			.7	.7								1.3	10.0
W				.7								.7	12.0
WRW													
NW													
NNW													
VARBL													
CALM												.0	
		1.3	32.0	64.7	2.0							100.0	11.8

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7									1.3	7.5
NNE	.7	6.0	4.0	.7								11.3	6.5
NE		5.3	8.7									14.0	6.8
ENE	.7	11.3	18.0	2.7								32.7	7.8
E		6.0	20.7	10.0								36.7	9.3
ESE			.7									.7	7.0
SE													
SSE													
S													
SSW													
SW													
WSW		.7	.7	.7								1.3	7.0
W												.7	13.0
WNW													
NW				.7								.7	12.0
NNW	.7											.7	3.0
VARBL													
CALM												.0	
	2.0	30.0	53.3	14.7								100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3									2.7	6.3
NNE	.7	1.3	2.0	1.3								5.3	7.6
NE	3.3	8.7	4.0									16.0	5.4
ENE	2.7	10.7	21.3	1.3								36.0	7.4
E		6.0	22.7	8.7								37.3	8.9
ESE													
SE													
SSE													
S	.7											.7	3.0
SSW													
SW													
WSW			1.3									1.3	7.5
W													
WNW													
NW				.7								.7	12.0
NNW													
VARBL													
CALM												.0	
	8.0	27.3	52.7	12.0								100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
41406

STATION NAME
AGANA, GUAM

YEARS
73-77

MONTH
APR

CLASS

ALL WEATHER

HOURS (L.S.T.)
ALL

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.6	1.3	.5								2.5	8.2
NNE	1.3	2.7	2.7	.8								7.6	6.9
NE	1.2	5.2	5.6	2.2								14.2	7.3
ENE	1.2	7.0	13.7	8.4	.4							30.7	9.1
E	.1	4.5	16.6	17.7	1.2	.1						40.2	10.6
ESE	.1	.2	1.0	.6	.1							1.9	9.7
SE													
SSE			.1									.1	10.0
S	.1											.1	3.0
SSW	.1	.1	.1	.1								.3	6.5
SW		.1	.2									.2	10.0
WSW		.1	.3	.2	.1							.7	10.1
W			.1	.5								.6	12.6
WNW													
NW				.2								.2	12.0
NNW	.1		.1									.2	5.5
VARBL													
CALM												.4	
	4.2	20.2	41.8	31.3	1.8	.1						100.0	9.3

TOTAL NUMBER OF OBSERVATIONS

1200

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6		.6		.6						2.6	10.5
NNE		1.3										1.3	5.5
NE	7.7	7.1	3.9									18.7	4.5
ENE	5.8	16.1	10.3	1.3								33.3	6.0
E	3.2	7.7	8.4	.6								20.0	6.1
ESE	3.2	1.3	.6									5.2	3.1
SE	1.3	3.9										5.2	4.0
SSE	.6	1.3	.6						.6			3.2	12.8
S	.6				.6							1.3	10.0
SSW	.6		.6									1.3	6.5
SW													
WSW													
W	.6											.6	2.0
WNW													
NW													
NNW	.6			.6								1.3	7.0
VARBL													
CALM												5.8	
	25.2	39.4	24.5	3.2	.6	.6			.6			100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

73-77

YEARS

MONTH
MAY

MONTH

04

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 606

NAVAL WEATHER SERVICE DETACHMENT WISHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) AGANA, G--ETC(U)
JUN 78

F/G 4/2

UNCLASSIFIED

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2 OF 4

AD
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NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3							.6				1.9	14.0
NNE	3.2	.6	1.9									5.8	4.7
NE	2.6	8.4	5.2									16.2	5.5
ENE	7.1	14.9	9.1	1.9								23.1	5.8
E	1.3	12.3	5.2	1.9								20.8	6.7
ESE	1.9	1.9	.6									4.5	3.7
SE	1.3											1.3	2.5
SSE	.6	1.3	1.3									3.2	6.2
S		.6	1.3	.6								2.6	8.3
SSW	.6		.6			.6						1.9	12.7
SW													
WSW													
W													
WNW				.6								.6	13.0
NW		.6	.6									.6	4.0
NNW												.6	10.0
VARBL													
CALM												6.5	
	20.1	40.9	26.0	5.2		.6		.6				100.0	5.8

TOTAL NUMBER OF OBSERVATIONS

154

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER
CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3					.6				1.9	18.0
NNE		.6	1.9	.6	.6							3.9	10.2
NE		1.9	8.4	3.2								13.5	9.7
ENE			12.3	12.3	.6							25.2	11.2
E		1.9	15.5	12.9	.6							31.0	10.4
ESE	.6	1.3	5.2									7.1	7.4
SE		1.9	1.9									3.9	6.3
SSE		1.3	1.3									2.6	7.3
S	1.3		2.6	.6			.6					5.2	10.9
SSW		.6	1.3									1.9	7.3
SW													
WSW	.6		.6									1.3	5.0
W													
WNW													
NW		.6										.6	4.0
NNW		.6		.6								1.3	10.0
VARBL													
CALM												.6	
	2.6	11.0	52.3	30.3	1.9		.6	.6				100.0	10.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3			.6								1.9	6.7
NNE			.6	1.3								2.6	23.3
NE			4.5	3.9							.6	8.4	10.5
ENE			7.7	16.1								23.9	11.5
E			14.8	20.6	.6							36.1	11.3
ESE		.6	3.2	3.2								7.1	10.1
SE		1.9	5.2									7.1	7.5
SSE		.6	1.9	1.9								4.5	9.9
S		.6	1.3	.6	.6							3.2	11.4
SSW													
SW													
WSW	.6											.6	3.0
W		.6		.6								1.3	9.5
WNW	.6											.6	3.0
NW		.6	.6									1.3	6.5
NNW			.6		.6							1.3	14.0
VARB													
CALM												.0	
	2.6	5.2	40.6	49.0	1.9						.6	100.0	10.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3		.6							1.9	12.7
NNE				1.3	.6							1.9	15.0
NE		.6	3.9	2.6								7.1	9.6
ENE	.6	3.2	15.5	10.3				.6				30.3	10.4
E		1.9	15.5	15.5								32.9	10.5
ESE		1.3	8.4	2.6								12.3	9.1
SE		1.9	.6									2.6	5.8
SSE	.6	1.3	1.3	1.9								3.9	9.5
S		1.3		.6								1.9	7.3
SSW					.6							.6	20.0
SW	.6											.6	3.0
WSW													
W					.6							.6	20.0
WNW			1.3									1.3	7.5
NW		1.3										1.3	5.5
NNW		.6										.6	5.0
VARBL													
CALM												.0	
	1.9	12.3	47.7	34.8	2.6			.6				100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER
CLASS

19

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6	1.3			.6						3.2	9.4
NNE		3.2	.6									3.9	4.7
NE	1.3	4.5	4.5									10.3	6.4
ENE	.6	15.5	14.8	1.9								32.9	6.9
E	1.3	11.6	12.9	1.9	.6							28.4	7.3
ESE	1.3	3.2	2.6							.6		7.7	10.3
SE		2.6	.6									3.2	5.8
SSE	.6	.6	.6	.6								2.6	6.5
S	.6	1.3	.6	.6								3.2	7.2
SSW			.6									.6	8.0
SW													
WSW			.6									.6	10.0
W													
WNW		1.3										1.3	5.0
NW	.6											.6	3.0
NNW													
VARBL													
CALM												1.3	
	7.1	44.5	40.0	5.2	.6	.6	.6				.6	100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.9	.6		.6							3.2	3.4
NNE	1.3	.6	.6									2.6	5.0
NE	4.5	6.5	1.3	.6								12.9	4.7
ENE	7.1	12.9	11.0	1.3								32.3	5.8
E	1.3	10.3	14.2	1.9								27.7	7.0
ESE	3.2	3.2	.6	.6								7.7	4.8
SE		2.6	1.3						.6			4.5	12.7
SSE	.6	.6	1.3	.6								3.2	7.0
S													
SSW	.6											.6	2.0
SW		.6	.6									1.3	7.0
WSW													
W		.6										.6	5.0
WNW													
NW													
NNW													
VARBL													
CALM												3.2	
	16.7	40.0	31.6	5.2	.6					.6		100.0	6.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.6	.7	.2	.2	.2		.2				2.5	10.9
NNE	.9	.9	.8	.4	.2						.1	3.2	8.0
NE	2.5	5.2	4.3	1.3								13.3	6.4
ENE	3.7	9.4	11.1	5.7	.1			.1				30.2	7.6
E	1.5	6.7	11.5	7.0	.2							27.0	8.5
ESE	1.5	1.8	2.7	.8						.1		6.9	7.2
SE	.3	2.2	1.3						.1			3.9	6.8
SSE	.6	.7	1.2	.7								3.3	6.5
S	.6	.6	.7	.4	.2	.1	.1					2.7	8.8
SSW	.2	.1	.5		.1	.1						1.0	9.4
SW	.1	.1	.1									.2	5.7
WSW	.2		.2									.4	5.0
W	.1	.2		.1	.1							.4	9.2
WNW	.1	.2	.2	.2								.6	7.6
NW	.1	.4	.1									.6	5.0
NNW	.1	.2	.2	.2	.1							.6	9.6
VARBL													
CALM												3.2	
	13.1	29.1	35.5	16.9	1.0	.4	.1	.2	.1	.1	.2	100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

1239

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEAR

ALL WEATHER
CLASS

JUN

MONTH

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	2.0											2.0	2.0
NE	3.3	5.3										8.7	3.8
ENE	6.7	12.7	4.0	.7								24.0	5.1
E	8.7	15.3	9.3	2.0	.7							36.0	5.8
ESE	2.7	4.0	3.3	2.0								12.0	6.7
SE	1.3	2.0	.7	.7								4.7	5.9
SSE	.7	2.7										3.3	4.6
S	1.3											1.3	3.0
SSW													
SW													
WSW													
W	.7											.7	3.0
WNW	.7											.7	2.0
NW													
NNW													
VARBL													
CALM												6.7	
	28.0	42.0	17.3	5.3	.7							100.0	5.0

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

5702 SURFACE WINDS JAN 78

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406 STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0											2.0	2.3
NNE	2.0	1.3										3.3	2.8
NE	6.7	2.7	1.3									10.7	3.2
ENE	6.0	10.7	6.0									22.7	4.9
E	7.3	16.7	10.0		1.3							35.3	5.7
ESE	1.3	5.3	2.0	.7								9.3	5.6
SE	1.3	3.3	.7	1.3								6.7	6.5
SSE	2.0											2.0	2.0
S	.7											.7	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												7.3	
	29.3	40.0	20.0	2.0	1.3							100.0	4.6

TOTAL NUMBER OF OBSERVATIONS

150

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 41406 AGANA, GUAM STATION NAME YEARS 73-77 MONTH JUN 07 HOURS (L.S.T.) 07

ALL WEATHER CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE	2.0	.7										2.7	2.5
NE	4.7	6.0	2.0									12.7	4.3
ENE	6.0	10.0	6.7	2.0								24.7	5.6
E	6.0	10.7	11.3	.7								28.7	5.9
ESE	2.7	5.3	4.7	1.3	.7							14.7	6.7
SE	.7	.7	.7	.7								2.7	7.0
SSE	2.7	.7	1.3									4.7	5.0
S	.7											.7	2.0
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARB													
CALM												7.3	
	26.7	34.0	26.7	4.7	.7							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	3.5
NNE			.7									.7	8.0
NE		.7	.7	.7								2.0	8.7
ENE		2.0	13.3	5.3								20.7	9.5
E		4.0	24.0	15.3								43.3	10.0
ESE		2.7	9.3	3.3	.7							16.0	9.1
SE		.7	4.7	2.7								8.0	10.2
SSE		.7	.7	.7								2.0	8.0
S	.7	.7										1.3	4.0
SSW												.7	8.0
SW			.7										
WSW													
W	1.3		.7									2.0	4.0
WNW		1.3										1.3	4.5
NW													
NNW													
VARBL													
CALM												.7	
	2.7	13.3	54.7	28.0	.7							100.0	9.2

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER
CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.7	.7								1.3	9.5
NNE	.7											.7	2.0
NE	.7	.7	1.3	2.0								4.7	8.7
ENE		.7	6.0	7.3	.7							14.7	11.4
E	.7	2.0	17.3	19.3								39.3	10.8
ESE		1.3	12.0	6.7								20.0	9.7
SE			8.0	2.0		.7						10.7	10.7
SSE		.7	2.0									2.7	8.3
S	.7		.7									1.3	6.0
SSW													
SW													
WSW	.7											.7	3.0
W		.7	.7									1.3	6.5
WNW		.7										.7	6.0
NW		.7										.7	6.0
NNW		.7										.7	5.0
VARBL													
CALM												.7	
	3.3	8.0	48.7	38.0	.7	.7						100.0	10.1

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER
CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			1.3									1.3	8.5
NNE													
NE	.7	.7	1.3									2.7	6.5
ENE		3.3	10.0	3.3	1.3							18.0	9.9
E	.7	4.7	20.0	24.7	.7							20.7	10.2
ESE	.7	1.3	4.7	4.0	.7							11.3	9.8
SE		.7	4.0	1.3	.7							6.7	9.9
SSE			1.3									1.3	7.5
S	.7	2.0										2.7	4.8
SSW													
SW			.7									.7	7.0
WSW			.7									.7	8.0
W	.7											.7	2.0
WNW		2.0	.7									2.7	6.5
NW													
NNW			.7									.7	8.0
VARBL													
CALM												.0	
	3.3	14.7	45.3	33.3	3.3							100.0	9.6

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		1.3	.7									2.0	6.3
NNE		1.3	.7									2.0	5.7
NE	.7	.7	3.3									4.7	6.3
ENE	2.7	10.7	8.7	2.0								24.0	6.7
E	2.7	17.3	19.3	2.0								41.3	6.9
ESE	.7	5.3	4.0	.7								10.7	6.5
SE	1.3	2.7	2.0	.7								6.7	6.5
SSE		.7	1.3									2.0	6.3
S													
SSW		1.3										1.3	4.0
SW	.7											.7	2.0
WSW													
W	2.7											2.7	2.0
WNW													
NW	.7	.7										1.3	3.5
NNW													
V/BBL													
CALM												.7	
	12.0	42.0	40.0	5.3								100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN

MONTH

22

22

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE	1.3											1.3	2.5
NE	2.7	4.0	.7									7.3	4.0
ENE	4.0	10.7	6.0	.7								21.3	5.8
E	7.3	21.3	16.7	2.7								48.0	6.1
ESE	2.0	4.0	2.0	1.3								9.3	6.0
SE	2.0	1.3	.7									4.0	4.7
SSE		3.3	.7									4.0	5.7
S	1.3		.7									2.0	4.3
SSW													
SW													
WSW													
W	.7											.7	1.0
WNW													
NW	.7											.7	2.0
NNW													
VARBL													
CALM												1.3	
	22.0	44.7	27.3	4.7								100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

ACANA, GUAM

STATION NAME

73-77

YEARS

JUN
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.5	.2	.3	.1								1.2	5.2
NNE	1.0	.4	.2									1.6	3.3
NE	2.4	2.6	1.3	.3								6.7	4.8
ENE	3.2	7.6	7.6	2.7	.2							21.2	7.1
E	4.2	11.5	16.0	8.3	.3							40.3	7.8
ESE	1.2	3.7	5.2	2.5	.2							12.9	7.8
SE	.8	1.4	2.7	1.2	.1	.1						6.2	8.3
SSE	.7	1.1	.9	.1								2.7	5.7
S	.7	.3	.2									1.2	4.1
SSW		.2										.2	4.0
SW	.1		.2									.2	5.7
WSW	.1		.1									.2	5.5
W	.7	.1	.2									1.0	3.3
WNW	.1	.5	.1									.7	5.4
NW	.2	.2										.3	3.8
NNW		.1	.1									.2	6.5
VARBL													
CALM												3.1	
	15.9	29.8	25.0	15.2	.9	.1						100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.6	.6	.6								4.5	4.9
NNE	1.3	1.3	1.3									3.9	4.8
NE	2.6	1.9	.6									5.2	3.9
ENE	5.2	4.5	1.3									11.0	4.0
E	9.7	14.8	9.0	1.3								34.8	5.2
ESE	1.9	4.5	4.5									11.0	5.6
SE	3.2	1.3	1.3									5.8	4.1
SSE	1.9	.6	.6									3.2	4.0
S	.6	.6										1.3	3.0
SSW			.6									.6	7.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												18.7	
	29.0	30.3	20.0	1.9								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL

MONTH

04

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 15	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6		.6								1.9	7.3
NNE	2.6	.6										3.2	2.6
NE	5.2	1.9										7.1	2.7
ENE	5.8	6.5	1.9									14.2	4.3
E	11.0	14.2	6.5	.6								32.3	4.7
ESE	4.5	4.5	3.2									12.3	4.8
SE	3.2	1.9	1.3									6.5	4.2
SSE	3.2	1.3	.6									5.2	3.6
S	1.9	.6										2.6	3.0
SSW			.6									.6	8.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												14.2	
	38.1	32.3	14.2	1.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER
CLASS

07

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3										2.6	3.5
NNE	2.6	2.6	.6									5.8	3.3
NE	5.2	2.6										7.7	3.3
ENE	6.5	7.1	1.3									14.8	3.9
E	10.3	19.4	7.1	1.3								38.1	5.2
ESE	.6	1.9	3.2									5.8	6.9
SE	1.3	3.2		.6								5.2	5.5
SSE	1.9	1.3										3.2	3.0
S	1.9	.6										2.6	2.8
SSW			.6									.6	7.0
SW	.6											.6	2.0
WSW													
W													
WNW													
NW				.6								.6	12.0
NNW	1.3											1.3	2.0
VARBL													
CALM												11.0	
	33.5	40.0	12.9	2.6								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9									2.6	7.3
NNE	1.3	1.3	.6	.6								3.9	6.0
NE	1.3	.6	2.6									4.5	5.6
ENE	2.6	1.3	4.5	1.9								10.3	7.4
E	1.9	5.2	14.8	9.7								31.6	8.9
ESE	1.3	3.2	6.4	5.2	.6							18.7	9.0
SE	.6	1.9	4.5	1.3								8.4	8.1
SSE	.6	1.3	2.6									4.5	6.4
S	.6	1.3	1.9									3.9	6.0
SSW		.6	.6									1.3	6.0
SW													
WSW	1.3	.6										1.9	4.0
W	1.3											1.3	2.5
WNW	1.3	.6										1.9	3.0
NW	1.3			.6								1.9	7.0
NNW		.6										.6	6.0
VARBL													
CALM												2.6	
	15.5	19.4	41.6	19.4	.6							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

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STATION NAME

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YEARS

JUL

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	6.0
NNE			1.9	.6								2.6	9.3
NE		.6	1.9	.6								3.2	9.8
ENE	.6	1.9	5.2	1.9								9.7	8.5
E	.6	5.8	12.9	12.9								32.3	9.7
ESE	1.3	4.5	10.3	4.5								20.6	8.3
SE	.6	2.6	3.2	3.2								9.7	8.8
SSE	1.3	3.2	3.2	.6								5.2	8.0
S	.6	1.9	.6									3.2	4.6
SSW													
SW		.6										.6	5.0
WSW	.6		.6									1.3	5.0
W	.6	1.3		1.3								3.2	8.2
WNW		1.3										1.3	5.0
NW	.6	.6										1.3	3.5
NNW		1.3	1.3	.6								3.2	7.4
VARBL													
CALM												1.9	
	7.1	23.2	41.3	26.5								100.0	8.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
41406

AGANA, GUAM

STATION NAME

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YEARS

JUL

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	%	MEAN WIND SPEED
N	1.3	.6	.6								2.6	5.5
NNE	.6		1.9	.6							3.2	8.2
NE	.6	.6	1.3								2.6	6.3
ENE	.6	5.8	4.5	.6							11.6	7.2
E	3.9	8.4	10.3	9.0							31.6	8.3
ESE	.6	1.3	7.7	2.6							12.3	8.3
SE	.6	1.9	3.2	1.3							7.1	7.5
SSE		1.9	4.5								6.5	7.4
S	.6	2.6	1.3								4.5	5.9
SSW	.6										.6	1.0
SW	.6		1.3								1.9	6.0
WSW			.6								.6	7.0
W	.6	1.9	.6	.6							3.9	6.5
WNW	1.9	.6									2.6	3.3
NW		1.9	.6								2.6	6.5
NNW	1.3	1.3									2.6	3.5
VARBL												
CALM											3.2	
	14.2	29.0	28.7	14.8							100.0	7.1

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406

AGANA, GUAM

STATION NAME

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YEARS

JUL

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	.6									3.2	4.6
NNE		1.9	1.9									3.9	6.2
NE	2.6	2.6		.6								5.8	4.3
ENE	5.2	3.9	1.9									11.0	4.5
E	8.4	9.0	20.6									38.1	6.1
ESE	2.6	2.6	5.8	.6								11.6	6.3
SE	.6	2.6	1.3									4.5	5.7
SSE	1.3	1.3										2.6	3.5
S	1.9		.6									2.6	3.8
SSW													
SW												.6	2.0
WSW	.6												
W												.6	2.0
WNW	.6											3.2	3.0
NW	2.6	.6										1.9	2.7
NNW	1.3	.6											
VARBL												10.3	
CALM												100.0	4.8
	29.0	26.5	32.9	1.3									

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406

AGANA, GUAM

STATION

STATION NAME

73-77

YEARS

JUL

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.5
NNE	1.9	.6										2.6	3.0
NE	5.8	2.6										8.4	2.8
ENE	5.8	7.1	1.9									14.8	4.3
E	9.0	13.5	9.7	.6								32.9	5.5
ESE	3.2	5.8	3.9	.6								13.5	5.7
SE	1.3	2.6	1.3	.6								5.8	5.8
SSE	1.9	.6	.6									3.2	3.6
S	1.3											1.3	1.0
SSW		.6	.6									1.3	7.0
SW													
WSW													
W													
WNW													
NW		.6		.6								1.3	8.5
NNW		.6										.6	5.0
VARBL													
CALM												12.9	
	31.0	35.5	18.1	2.6								100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

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YEARS

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MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	.8	.5	.2								2.4	5.2
NNE	1.3	1.0	1.0	.2								3.6	5.2
NE	2.9	1.7	.8	.2								5.6	4.2
ENE	4.0	4.8	2.8	.6								12.2	5.3
E	6.9	11.3	11.4	4.4								34.0	6.6
ESE	2.0	3.5	5.9	1.7	.1							13.2	7.1
SE	1.5	2.3	2.0	.9								6.6	6.5
SSE	1.5	1.0	1.5	.1								4.2	5.4
S	1.2	1.0	.6									2.7	4.3
SSW	.1	.2	.4									.6	6.1
SW	.2	.1	.2									.4	5.0
WSW	.3	.1	.2									.6	4.4
W	.3	.4	.1	.2								1.0	6.5
WNW	.5	.3										.8	3.4
NW	.6	.5	.1	.2								1.4	5.8
NNW	.5	.6	.2	.1								1.3	4.6
VARBL													
CALM												9.4	
	24.7	29.5	27.6	8.8	.1							100.0	5.5

TOTAL NUMBER OF OBSERVATIONS

1240

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	.6	.6									3.9	3.7
NNE	.6		.6									1.3	5.0
NE	1.9	1.3										3.2	3.8
ENE	5.8	9.0	1.9									16.8	4.2
E	7.1	9.7	2.6									19.4	4.2
ESE	1.9	5.2	.6									7.7	4.8
SE	4.5	1.9										6.5	2.9
SSE	1.3	1.9										3.2	3.8
S	3.9	3.9	1.9	1.3								11.0	5.6
SSW			.6		.6							1.3	12.5
SW													
WSW	.6			.6								1.3	7.5
W	1.3		.6									1.9	4.7
WNW	1.3	.6		.6								2.6	4.8
NW													
NNW													
VARBL													
CALM												20.0	
	32.9	34.2	9.7	2.6	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

04

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.5
NNE	.6	1.3	.6									2.6	5.5
NE	1.9	3.2										5.2	3.5
ENE	5.8	2.6	.6									9.0	3.3
E	9.7	9.0	2.6									21.3	4.1
ESE	7.7	3.2	2.6									13.5	3.7
SE	1.3	2.6										3.9	4.0
SSE	2.6	3.9	1.3									7.7	4.5
S	1.9	3.2		.6								5.8	4.3
SSW	.6	.6	1.3	1.3								3.9	8.3
SW													
WSW		.6		.6	.6							1.9	12.0
W		.6	1.9									2.6	7.5
WNW		.6										.6	4.0
NW			.6									.6	8.0
NNW													
VARBL													
CALM												20.0	
	32.9	32.3	11.6	2.6	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

YEARS

73-77

AUG

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	4.0
NNE	1.3	1.9										3.2	3.6
NE	5.2	3.2	.6									9.0	3.8
ENE	7.1	6.5	.6									14.2	3.5
E	5.2	12.3	1.9									19.4	4.5
ESE	1.9	7.1	2.6	.6								12.3	5.5
SE	1.3	1.3	1.3	.6								4.5	6.3
SSE	1.9	1.9										3.9	3.7
S	5.8	1.9	1.9	1.3		.6						11.6	6.1
SSW		1.3	1.9									3.2	6.8
SW		.6		.6								1.3	10.0
WSW		1.3	.6									1.9	6.0
W			.6									.6	10.0
WNW		.6										.6	6.0
NW		1.3										1.3	4.0
NNW													
VARBL													
CALM												12.3	
	29.7	41.9	12.3	3.2		.6						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6										.6	5.0
NNE	.6		.6	.6								1.9	8.0
NE	.6	2.6	1.3									4.5	5.6
ENE		1.9	7.1	.6								9.7	8.1
E	.6	7.7	15.5	1.9								25.8	7.6
ESE	1.9	3.2	9.7	1.9								16.8	7.7
SE		3.2	2.6	1.3								7.1	7.3
SSE	2.6	1.3	3.2	1.3								8.4	6.5
S		1.3	1.9	1.3								4.5	9.3
SSW	1.3	1.3	2.6	1.3								6.5	7.1
SW		.6	1.3		.6							2.6	11.0
WSW			.6	.6								1.3	9.3
W	1.3	.6	1.3	.6								3.9	6.3
WNW		3.2										3.2	4.6
NW													
NNW	1.3											1.3	3.0
VARBL													
CALM												1.9	
	10.3	27.7	47.7	11.6	.6							100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION
41406

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER
CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.3	1.9									4.5	5.7
NNE		1.3										1.3	6.0
NE	.6	.6	1.3									2.6	6.3
ENE	.6	3.2	3.9	.6								8.4	7.5
E	1.3	5.2	7.7	8.4								22.6	8.8
ESE		3.9	7.7	2.6	.6							14.8	9.4
SE	1.9	2.6	8.4	1.9								14.8	7.8
SSE	.6	.6	3.2									4.5	7.1
S	1.3	1.3	3.9	1.3	.6							8.4	8.3
SSW	.6	1.9	1.3	1.3	.6							5.8	8.9
SW			1.3									1.3	8.5
WSW		.6	.6									1.3	6.5
W	.6	1.3	.6	2.6								5.2	9.3
WNW		.6										.6	5.0
NW	1.3	.6	1.3									3.2	5.0
NNW													
VARBL													
CALM												.6	
	10.3	25.2	43.2	18.7	1.9							100.0	8.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

16

HOURS (L.S.T.)

ALL WEATHER
CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3		.6									1.9	4.0
NNE		.6	1.3	.6								2.6	8.5
NE		1.3	1.9									3.2	7.0
ENE	1.3	1.3	5.8	1.9								10.3	8.0
E	1.3	6.4	11.6	3.2								24.5	7.8
ESE		2.6	9.0	1.3								12.9	8.2
SE	1.3	3.9	2.6	.6								8.4	6.4
SSE	2.6	1.9	1.9									6.5	5.1
S		3.2	2.6	1.3	.6							7.7	8.7
SSW	.6		.6	1.9								3.2	9.4
SW			1.3	.6								1.9	9.3
WSW	.6	.6	1.3									2.6	6.3
W	.6	1.3	1.3	1.9								5.2	7.9
WNW		2.6										2.6	4.3
NW		.6	1.3									1.9	7.7
NNW	.6	1.9										2.6	4.0
VARBL													
CALM												1.9	
	10.3	30.3	43.2	13.5	.6							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG

MONTH

ALL WEATHER
CLASS

19

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.6	.6									2.6	3.8
NNE	3.2	1.3										4.5	3.3
NE	1.3	1.9	1.3									4.5	4.3
ENE	4.5	7.1	1.3	.6								13.5	4.5
E	5.8	16.1	1.9									23.9	4.5
ESE	2.6	5.8	1.3									9.7	4.7
SE	3.2	3.2	1.3									7.7	4.7
SSE	2.6	.6		.6								3.9	4.3
S	2.6	2.6										5.2	3.5
SSW	3.2	.6	.6	1.3								5.8	5.3
SW	.6	1.3	.6	.6	1.3							4.5	9.6
WSW		.6	.6	.6								1.9	8.7
W	1.3	1.3	1.3	.6								5.2	5.5
WNW													
NW	.6	.6	.6		.6							2.6	9.3
NNW	.6											.6	3.0
VARBL													
CALM												3.9	
	33.5	44.5	11.6	4.5	1.9							100.0	4.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

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STATION

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YEARS

AUG

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.3										3.2	3.0
NNE	1.9	1.3										3.2	3.4
NE	3.2	1.9	.6									5.8	3.8
ENE	6.5	6.5	1.3									14.2	4.1
E	7.1	12.9	3.2									23.2	4.5
ESE	3.2	6.5	1.3									11.0	4.2
SE	.6	2.6	.6									3.9	4.7
SSE	3.9	1.3	.6									5.8	2.9
S	3.9	1.3	.6	1.3								7.1	5.5
SSW	1.3	1.9	.6	.6								4.5	6.9
SW			.6	.6								.6	14.0
WSW		.6										.6	4.0
W	1.9	.6	1.3	.6								4.5	5.3
WNW		.6										.6	4.0
NW													
NNW	.6		.6									1.3	6.0
VARBL													
CALM												10.3	
	36.1	39.4	11.0	3.2								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

5702 SURFACE WINDS JAN 78

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STATION

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73-77

YEARS

AUG
MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	.7	.5									2.3	4.1
NNE	1.0	1.0	.4	.2								2.6	5.0
NE	1.9	2.0	.9									4.8	4.5
ENE	4.0	4.8	2.8	.5								12.0	5.1
E	4.8	10.2	5.9	1.7								22.5	5.9
ESE	2.4	4.7	4.4	.8	.1							12.3	6.3
SE	1.8	2.7	2.1	.6								7.1	5.9
SSE	2.3	1.7	1.3	.2								5.5	4.9
S	2.4	2.3	1.6	1.0	.2	.1						7.7	6.4
SSW	1.0	1.0	1.2	1.0	.2							4.3	7.6
SW	.1	.3	.6	.3	.2							1.5	10.0
WSW	.2	.6	.5	.3	.1							1.6	7.8
W	.9	.6	1.1	.8								3.6	6.9
WNW	.2	1.1		.1								1.4	4.6
NW	.2	.4	.5		.1							1.2	6.7
NNW	.4	.2	.1									.7	4.1
VARBL													
CALM												8.9	
	24.5	34.4	23.8	7.5	.8	.1						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7										2.0	3.0
NNE	3.4	2.0										5.4	3.1
NE	2.0	3.4										3.4	3.4
ENE	7.4	6.0	1.3	.7								15.4	3.9
E	4.7	8.7	6.0									19.5	5.4
ESE	2.0	.7	1.3	.7								4.7	6.0
SE	.7	1.3	.7									2.0	4.0
SSE	2.7	.7	.7									4.0	3.5
S	4.0	.7	1.3	2.0								8.1	5.8
SSW	2.0	.7	.7	.7								3.4	4.6
SW	.7	.7	1.3									2.7	6.3
WSW		1.3	2.7									4.0	7.5
W		.7	1.3	.7								2.7	8.3
WNW				.7								.7	16.0
NW													
NNW	.7	.7	.7									2.0	5.3
VARBL													
CALM												18.1	
	31.5	28.2	16.6	5.4								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER
CLASS

04

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	2.5
NNE	1.3	2.0	.7									4.0	4.0
NE	3.4	2.0										5.4	3.8
ENE	6.7	8.7	2.0									17.4	4.1
E	4.7	10.7	2.0									17.4	4.7
ESE	1.3	2.7	.7									4.7	4.9
SE	2.0	2.0	.7									4.7	4.0
SSE	1.3	2.7										4.0	3.7
S	1.3	2.7	1.3									5.4	5.3
SSW	.7			.7								1.3	9.0
SW			1.3									1.3	8.5
WSW	.7	2.7	.7									4.0	5.0
W		1.3	.7	.7								2.7	7.0
WNW			1.3	1.3	.7							3.4	12.8
NW													
NNW	1.3											1.3	2.5
VARBL													
CALM												21.5	
	25.5	38.3	11.4	2.7	.7							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

5702 SURFACE WINDS JAN 78

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS SEP MONTH 07 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7										1.3	4.0
NNE	4.7	1.3	1.3									7.4	3.6
NE	4.7	4.0										8.7	3.5
ENE	6.7	5.4	1.3									13.4	4.0
E	8.1	8.1	6.0	.7								22.8	5.1
ESE	2.0	.7										2.7	2.6
SE	1.3	2.7		.7								4.7	4.6
SSE	2.0	2.0	.7									4.7	4.3
S	2.7	4.0	.7	.7	.7							8.7	6.4
SSW	2.7			.7								3.4	4.2
SW				.7								.7	16.0
WSW	.7	1.3	2.0									4.0	5.7
W		.7	1.3	.7								2.7	9.5
WNW						.7						.7	24.0
NW	.7											.7	1.0
NNW	.7	.7										1.3	2.5
VARBL													
CALM												12.1	
	37.6	31.5	13.4	4.0	.7	.7						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0		.7									2.7	3.5
NNE	.7	.7	.7									2.0	4.7
NE		1.3	6.0	.7	.7							8.7	9.0
ENE		3.4	4.7									8.1	6.9
E	.7	4.0	14.1	6.0								24.8	8.6
ESE	.7	4.0	4.0	.7	.7							10.1	8.0
SE	.7		4.0									4.7	7.4
SSE	.7	3.4	2.0	.7								6.7	6.5
S	2.0	.7	4.7	.7	.7							8.7	7.5
SSW		.7	1.3									2.0	7.7
SW			1.3									1.3	9.0
WSW		1.3	1.3	.7								3.4	7.0
W		3.4	2.7	1.3	.7							8.1	8.7
WNW	1.3	1.3	1.3									4.0	5.2
NW	.7											.7	2.0
NNW		2.0	1.3									3.4	5.8
VARBL													
CALM												.7	
	9.4	26.2	50.3	10.7	2.7							100.0	7.5

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406

AGANA, GUAM

STATION NAME

73-77

YEARS

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MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	1.3		.7								2.7	6.3
NNE	2.0	.7		1.3								4.0	6.2
NE		.7	.7									1.3	7.0
ENE		.7	4.7	2.7	.7							8.7	10.6
E		5.4	13.4	7.4								26.2	8.9
ESE	.7	2.0	7.4	2.0								12.1	8.2
SE	.7	2.7	3.4	.7	.7							8.1	8.1
SSE	.7	.7	3.4	.7								5.4	8.0
S		3.4	3.4	2.7								9.4	9.0
SSW			.7									.7	7.0
SW		.7	.7									1.3	8.0
WSW		.7	1.3	.7								2.7	9.3
W		1.3	2.0	4.0	.7							8.1	10.8
WRW		.7	3.4	.7								4.7	8.9
NW													
NNW	.7	2.0		.7								3.4	6.0
VARBL													
CALM												1.3	
	5.4	22.8	44.3	24.2	2.0							100.0	8.6

TOTAL NUMBER OF OBSERVATIONS

149

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		.7									1.3	5.0
NNE		1.3	.7									2.0	6.7
NE		1.3	2.7	.7								4.7	8.3
ENE	.7	2.7	1.3	1.3								6.0	7.7
E		8.1	14.8	2.0	.7							25.5	8.2
ESE		2.0	6.0	2.0								10.1	9.2
SE	.7	2.0	2.7									5.4	6.1
SSE	.7	2.0	4.7									7.4	6.9
S	.7	.7	3.4	.7								5.4	7.3
SSW		.7	.7		1.3							2.7	12.5
SW		.7	1.3									2.0	7.0
WSW	.7	1.3	3.4	.7								6.0	7.3
W	2.0	1.3	4.0	2.7	1.3	.7						12.1	10.4
WNW	.7	.7	2.7									4.0	6.5
NW	.7		1.3									.7	2.0
NNW		.7										2.0	6.7
VARBL													
CALM												2.7	
	7.4	25.5	50.3	10.1	3.4	.7						100.0	7.9

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

YEARS

73-77

SEP
MONTH

ALL WEATHER
CLASS

19
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	.7										2.0	2.7
NNE	2.0	2.0										4.0	3.5
NE	3.4	4.0	.7									8.1	4.2
ENE	2.7	10.1	1.3									14.1	4.7
E	6.7	9.4	2.0									18.1	4.3
ESE	2.7	1.3	4.0									8.1	5.8
SE	2.7	2.0		.7								5.4	5.4
SSE	2.0	1.3										3.4	3.0
S	3.4	4.7		1.3								9.4	4.5
SSW	1.3	2.0		.7								4.0	5.7
SW	.7						.7					1.3	15.5
WSW	.7	1.3	.7	.7								3.4	6.8
W			4.0	.7	.7							5.4	10.1
WNW		.7	.7									1.3	6.0
NW		.7										.7	5.0
NNW	.7	1.3	.7									2.7	5.8
VARBL													
CALM												6.7	
	30.2	41.6	14.1	4.0	.7		.7					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7										.7	4.0
NNE	3.4	3.4										6.7	4.1
NE	2.7	1.3	1.3									5.4	4.6
ENE	6.0	7.4	1.3									14.8	4.2
E	4.7	8.1	2.7									15.4	4.6
ESE	2.7	4.0	3.4									10.1	5.7
SE	1.3	2.7										4.0	3.8
SSE	1.3	2.7	.7									4.7	4.6
S	2.7	2.0	.7	1.3	.7							7.4	7.0
SSW	1.3						.7					2.0	12.3
SW		1.3										1.3	6.0
WSW		1.3	.7	.7								2.7	8.0
W	.7	2.0	2.0	1.3								6.0	8.1
WNW	.7	.7										1.3	3.5
NW													
NNW	.7	.7										1.3	3.5
VARBL													
CALM												16.1	
	28.2	38.3	12.8	3.4	.7		.7					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS

149

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

ALL WEATHER

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.6	.2	.1								1.8	4.0
NNE	2.2	1.7	.4	.2								4.4	4.2
NE	2.0	2.3	1.4	.2	.1							6.0	5.3
ENE	3.8	5.5	2.3	.6	.1							12.2	5.2
E	3.7	7.8	7.6	2.0	.1							21.2	6.5
ESE	1.5	2.2	3.4	.7	.1							7.8	7.0
SE	1.3	1.9	1.3	.3	.1							4.9	5.8
SSE	1.4	1.9	1.5	.2								5.0	5.4
S	2.1	2.3	1.9	1.2	.3							7.8	6.6
SSW	1.0	.5	.3	.3	.2		.1					2.4	7.3
SW	.2	.4	.8	.1			.1					1.5	8.7
WSW	.3	1.4	1.6	.4								3.8	7.0
W	.3	1.3	2.3	1.5	.4	.1						6.0	9.5
WNW	.3	.5	1.2	.3	.1	.1						2.5	8.5
NW	.3	.1										.3	2.5
NNW	.6	1.0	.5	.1								2.2	5.2
VARBL													
CALM												10.2	
	21.9	31.5	26.7	8.1	1.3	.2	.2					100.0	5.7

TOTAL NUMBER OF OBSERVATIONS

1192

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 41406 AGANA, GUAM STATION NAME YEARS 73-77 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) 01

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6											.6	2.0
NNE	1.9	1.3	.6									3.9	3.8
NE	3.2	4.5		.6								8.4	4.5
ENE	5.8	13.5	9.7	.6								29.7	5.5
E	3.9	11.6	5.2	1.3								21.9	5.7
ESE	3.2	5.2	3.2	.6								12.3	5.5
SE	.6	2.6	1.3		.6							5.2	6.6
SSE	.6	1.3	1.3									3.2	5.4
S	1.9	1.3										3.2	2.8
SSW	.6											.6	3.0
SW	.6	.6										1.3	3.5
WSW				1.9								1.9	13.3
W													
WNW			1.3									1.3	10.0
NW													
NNW													
VARBL													
CALM												6.5	
	23.2	41.9	22.6	5.2	.6							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3											1.3	2.0
NNE	3.2	1.9		.6								5.8	4.0
NE	3.9	10.3	1.9									16.1	4.4
ENE	7.7	8.4	3.9									20.0	4.4
E	3.9	12.9	6.5	.6								23.9	5.6
ESE		4.5	2.6	2.6								9.7	6.5
SE	1.9	2.6	.6	.6								5.8	5.3
SSE	1.9	.6	1.9									4.5	4.9
S	.6	.6	.6									1.9	5.0
SSW	.6											.6	1.0
SW	.6											.6	2.0
WSW					.6							.6	18.0
W			.6	1.3								1.9	12.0
WNW			.6									.6	10.0
NW													
NNW		.6		.6								1.3	9.0
VARBL													
CALM												5.2	
	25.8	42.6	19.4	6.5	.6							100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

DCT

MONTH

ALL WEATHER

CLASS

07

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	.6										2.6	2.8
NNE	3.2	1.3	.6									5.2	3.9
NE	3.2	10.3	.6	.6								14.8	4.7
ENE	5.2	10.3	4.5									20.0	5.0
E	3.9	13.5	7.7	.6								25.8	5.8
ESE	1.9	3.9	2.6									8.4	5.5
SE	1.9	1.3	1.3	1.9								6.5	7.4
SSE	.6	2.6	1.3									4.5	5.4
S	3.2	.6										3.9	2.2
SSW													
SW	.6											.6	3.0
WSW		.6										.6	5.0
W			.6	.6	.6		.6					2.6	17.0
WNW													
NW													
NNW			.6									.6	10.0
VARBL													
CALM												3.9	
	25.8	45.2	20.0	3.9	.6		.6					100.0	5.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT

MONTH

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HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.6	1.9									2.6	7.3
NNE	.6	1.9	1.3	1.9								5.8	7.7
NE		1.9	2.6	.6								5.2	7.9
ENE		1.9	7.7	6.5	.6							16.8	10.3
E	.6	7.1	17.4	9.0	.6							34.8	9.3
ESE	.6	1.9	5.8	1.9								10.3	8.3
SE	1.3	1.3	4.5	3.2								10.3	8.4
SSE	.6	.6	1.9									3.2	7.2
S		1.9	.6									2.6	5.8
SSW			.6									.6	9.0
SW													
WSW					.6							.6	19.0
W		.6	.6	.6		.6						2.6	13.0
WNW		.6		.6								1.3	8.5
NW			.6									.6	9.0
NNW	.6	1.3										1.9	4.7
VARB													
CALM												.6	
	4.5	21.9	45.8	24.5	1.9	.6						100.0	8.9

TOTAL NUMBER OF OBSERVATIONS

155

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

001

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6		1.9									2.6	7.3
NNE		.6		.6								1.3	9.5
NE		1.3	3.9	1.3								6.5	8.9
ENE		3.2	5.2	5.2	.6							14.2	10.1
E	.6	2.6	16.1	14.8								34.2	10.2
ESE		1.3	9.0	3.2	.6							14.2	9.6
SE	.6	.6	3.9	2.6								7.7	8.8
SSE		.6	4.5	.6								5.8	8.7
S	.6	1.3	1.3	.6								3.9	7.3
SSW													
SW													
WSW	.6	.6										1.3	4.0
W			.6	1.3	.6	.6						3.2	15.2
WNW		.6										.6	6.0
NW			.6									.6	7.0
NNW	.6	.6	1.3									2.6	5.5
VARBL													
CALM												1.3	
	3.9	13.5	48.4	30.3	1.9	.6						100.0	9.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	2.6	1.3									4.5	5.6
NNE		.6	1.9	1.9								4.5	10.0
NE	.6	1.9	1.3	1.3								5.2	7.8
ENE		3.2	10.3	3.9								17.4	9.0
E	1.3	7.7	20.6	4.5								34.2	8.3
ESE	1.3	1.3	5.8	1.3								9.7	7.7
SE		1.3	3.9	1.3								6.5	9.0
SSE	.6	1.3	1.9	1.3								5.2	7.8
S	.6	.6										1.3	3.5
SSW													
SW													
WSW	.6					.6						1.3	14.0
W		1.3	.6	.6	.6							3.2	10.2
WNW	.6	.6										1.3	4.0
NW			1.3									1.3	7.5
NNW		.6	.6									1.3	6.0
VARB													
CALM												3.2	
	6.5	23.2	49.7	16.1	.6	.6						100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

UCT

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.3	1.9										3.2	3.2
NNE	1.3	1.3	.6									3.2	3.8
NE	2.6	8.4	.6									11.6	4.4
NNE	5.8	13.5	6.5	.6								26.5	5.6
E	3.9	16.8	6.5	1.3								28.4	5.7
ESE	1.9	1.9	1.9	.6								6.5	5.8
SE	.6	.6	1.9	1.3								4.5	7.7
SSE	1.9	1.3	.6									3.9	3.7
S	1.3	.6										1.9	3.0
SSW													
SW													
WSW													
W				1.3								1.3	15.5
WNW	.6	.6	.6									1.9	5.0
NW		.6										.6	6.0
NNW	.6	.6										1.3	3.5
VARB													
CALM												5.2	
	21.9	48.4	19.4	5.2								100.0	5.2

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	.6										1.3	3.5
NNE	.6	1.3										1.9	3.3
NE	4.5	5.8	.6									11.0	3.9
ENE	5.2	16.1	7.1	1.3								29.7	5.5
E	4.5	11.0	10.3	1.3	.6							27.7	6.6
ESE		1.9	2.6		.6							5.2	8.1
SE	.6	2.6	1.9	.6								5.8	6.4
SSE	.6	.6	1.3	.6								3.2	6.6
S	1.3	1.3										2.6	3.8
SSW													
SW													
WSW	.6			1.3	.6							1.3	11.5
W		.6	.6	1.3								1.9	10.3
WNW			.6	.6								1.3	9.5
NW	.6											.6	3.0
NNW													
VARBL													
CALM												6.5	
	19.4	41.9	24.5	5.8	1.9							100.0	5.6

TOTAL NUMBER OF OBSERVATIONS

155

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

DOY

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	.8	.6									2.3	4.7
NNE	1.4	1.3	.6	.6								4.0	5.7
NE	2.3	5.6	1.5	.6								9.8	5.2
ENE	3.7	8.8	6.9	2.3	.2							21.8	6.5
E	2.8	10.4	11.3	4.2	.2							28.9	7.4
ESE	1.1	2.7	4.2	1.3	.2							9.5	7.5
SE	1.0	1.6	2.4	1.5	.1							6.5	7.6
SSE	.9	1.1	1.9	.3								4.2	6.3
S	1.2	1.0	.3	.1								2.7	4.2
SSW	.2		.1									.2	4.3
SW	.2	.1										.3	3.0
WSW	.2	.2		.2	.2	.1						1.0	11.8
W	.3	.3	.4	.9	.2	.2	.1					2.1	13.3
WNW	.2	.3	.4	.2								1.0	7.3
NW	.1	.1	.3									.5	6.7
NNW	.2	.5	.3	.1								1.1	5.9
VARBL													
CALM												4.0	
	16.4	34.8	31.2	12.2	1.0	.2	.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

1240

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		1.3									2.0	7.0
NNE	.7		.7									1.3	4.5
NE	2.0	6.0	1.3									9.3	4.8
ENE	6.0	18.7	8.0	2.0	.7							35.3	6.3
E	2.7	8.0	11.3	2.7								24.7	6.8
ESE	1.3	4.0	4.7	3.3	.7							14.0	8.2
SE	.7	2.7	.7	1.3	.7							6.0	8.8
SSE	.7					.7						.7	1.0
S		.7										1.3	14.0
SSW													
SW													
WSW													
W			.7									.7	10.0
WNW													
NW													
NNW	.7											.7	3.0
VARBL												4.0	
CALM													
	15.3	40.0	28.7	9.3	2.0	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER
CLASS

04

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.7								2.0	7.7
NNE	1.3	.7	1.3									3.3	5.8
NE	2.7	9.3	2.0									14.0	4.5
ENE	3.3	18.0	7.3	.7								29.3	5.6
E	6.0	11.3	12.7	.7	.7	.7						31.3	6.3
ESE	.7	2.7	2.0	2.7	.7	.7						6.7	12.4
SE			.7	.7	1.3							5.3	10.3
SSE	.7		.7									1.3	4.5
S			.7			.7						1.3	16.0
SSW												.7	8.0
SW			.7									.7	10.0
WSW			.7									.7	2.0
W													
WNW	.7											.7	
NW													
NNW													
VARBL													
CALM												3.3	
	15.3	42.7	29.3	5.3	2.0	2.0						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

07

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.7								.7	13.0
NNE	3.3	1.3		.7								5.3	4.1
NE	2.7	3.3	1.3									7.3	4.7
ENE	6.0	14.7	10.7	1.3								32.7	5.9
E	4.7	12.0	14.0	1.3								32.0	6.6
ESE	.7	2.7	2.7	2.7	.7	.7						10.0	9.7
SE	.7	.7	.7	1.3	.7	.7						3.3	12.4
SSE		.7			.7							1.3	12.0
S	.7	1.3										2.0	3.7
SSW													
SW													
WSW												.7	5.0
W		.7											
WNW												.7	7.0
NW			.7									.7	10.0
NNW			.7									.7	10.0
VARBL												3.3	
CALM													
	18.7	36.7	30.7	8.0	1.3	1.3						100.0	6.4

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

10

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.7								2.0	10.0
NNE		.7	1.3	2.0								4.0	10.8
NE			4.0	2.0								6.0	9.9
ENE	.7	2.0	12.0	8.7	.7							24.0	10.0
E		4.7	16.7	18.0	1.3							40.7	10.6
ESE		1.3	8.0	3.3	.7	.7						14.0	10.7
SE	.7	.7	1.3	3.3	.7							6.7	10.9
SSE					.7							.7	18.0
S													
SSW		.7	.7									1.3	6.5
SW													
WSW													
W													
WNW													
NW				.7								.7	12.0
NNW													
VARBL													
CALM												.0	
	1.3	10.7	44.7	38.7	4.0	.7						100.0	10.5

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

13

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N				.7	.7							1.3	14.5
NNE		.7	.7	.7								2.0	8.7
NE			3.3	2.7								6.0	10.4
ENE		1.3	6.7	6.7								16.7	10.6
E	.7	1.3	16.7	22.7	2.7	.7						44.7	11.8
ESE		.7	9.3	6.7	1.3							18.0	11.0
SE		.7	4.0	3.3	.7							8.7	11.6
SSE				.7								.7	15.0
S													
SSW			.7									.7	8.0
SW													
WSW				.7								.7	12.0
W													
WNW			.7									.7	10.0
NW													
NNW													
VARBL													
CALM												.0	
	.7	4.7	44.0	44.7	5.3	.7						100.0	11.3

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

16

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.7	.7	.7								2.0	7.7
NNE			1.3									1.3	10.0
NE		2.0	6.0	2.0								10.0	9.1
ENE		4.0	13.3	9.3	.7							27.3	10.0
E		4.0	18.0	9.3	.7							32.0	10.0
ESE		3.3	6.0	3.3	1.3							14.0	10.0
SE		1.3	1.3	3.3								6.0	10.7
SSE		1.3	.7	1.3								3.3	8.8
S													
SSW													
SW			.7									.7	9.0
WSW		.7	.7									1.3	6.5
W				.7								.7	12.0
WNW			.7									.7	8.0
NW													
NNW				.7								.7	19.0
VARBL													
CALM												.0	
		17.3	49.3	30.0	3.3							100.0	9.9

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

19

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7				.7						2.0	10.3
NNE	1.3	2.0										3.3	3.2
NE	2.0	4.7	.7	1.3								6.7	5.4
ENE	2.7	16.7	11.3	2.0								32.7	6.4
E	1.3	11.3	16.7	1.3			.7					31.3	7.6
ESE	.7	3.3	3.3	3.3	.7							11.3	9.2
SE		.7	2.0									2.7	8.3
SSE		1.3	.7									2.0	6.7
S	.7			.7								1.3	7.0
SSW			.7									.7	7.0
SW													
WSW												.7	10.0
W			.7										
WRW													
NW												.7	2.0
NNW	.7												
VARBL												2.7	
CALM													
	10.0	40.7	36.0	8.7	.7	.7	.7					100.0	6.9

TOTAL NUMBER OF OBSERVATIONS

150

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV

MONTH

ALL WEATHER

CLASS

22

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7		.7									1.3	4.5
NNE	2.0	1.3										3.3	3.4
NE	2.7	4.7	2.7									10.0	5.3
ENE	6.0	9.3	9.3	2.0								26.7	6.0
E	4.0	17.3	16.0	.7	.7	.7						39.3	6.8
ESE	1.3	1.3	4.7	2.0	.7							10.0	9.0
SE		1.3	2.0	1.3								4.7	8.9
SSE				.7								.7	15.0
S	.7											.7	2.0
SSW		.7										.7	6.0
SW													
WSW													
W			.7									.7	10.0
WNW													
NW													
NNW													
VARBL													
CALM												2.0	
	17.3	36.0	36.0	6.7	1.3	.7						100.0	6.5

TOTAL NUMBER OF OBSERVATIONS

150

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

ALL WEATHER
CLASS

ALL
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.2	.3	.5	.4	.1	.1						1.7	9.0
NNE	1.1	.8	.7	.4								3.0	6.0
NE	1.5	3.7	2.7	1.0								8.9	6.4
ENE	3.1	10.6	10.1	4.1	.2							28.1	7.3
E	2.4	8.7	15.2	7.1	.7	.2	.1					34.5	8.5
ESE	.6	2.1	5.1	3.4	.8	.2						12.2	10.0
SE	.2	1.2	1.6	1.8	.4	.1						5.4	10.4
SSE	.2	.4	.2	.3	.2							1.3	9.1
S	.2	.2	.1	.1		.2						.8	8.7
SSW		.2	.2									.4	6.8
SW			.2									.2	8.5
WSW		.1	.2	.1								.3	8.8
W		.1	.2	.1								.4	9.4
WNW	.1		.2									.2	6.7
NW			.1	.1	.1							.2	9.5
NNW	.2		.1									.3	8.5
VARBL													
CALM												1.9	
	9.6	28.6	37.3	18.9	2.5	.8	.1					100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

1200

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC

MONTH

ALL WEATHER

CLASS

01

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.8	.8										1.6	4.3
NNE		5.6	1.6	.8								8.1	6.6
NE	1.6	4.0	5.6	2.4								7.7	7.4
ENE	4.0	5.6	14.5	4.0								8.2	7.7
E	1.6	12.9	15.3	12.1								10.0	8.2
ESE		1.6			.8								10.0
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW		.8										.8	4.0
VARBL												3.2	
CALM												100.0	7.5
	8.1	31.5	37.1	19.4	.8								

TOTAL NUMBER OF OBSERVATIONS

124

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC
MONTH

ALL WEATHER
CLASS

04
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8										.8	4.0
NNE	.8	3.2	1.6									5.6	6.0
NE	1.6	8.1	8.1	1.6								19.4	6.9
ENE	3.2	12.1	11.3	3.2								29.8	6.9
E	.8	8.9	18.5	7.3	.8							36.3	6.6
ESE	.8	1.6	2.4	.8								5.6	7.0
SE		.8										.8	6.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												1.6	
	7.3	35.5	41.9	12.9	.8							100.0	7.3

TOTAL NUMBER OF OBSERVATIONS

124

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC

MONTH

07

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.6									.8	7.0
NNE		3.2	2.4									5.6	6.4
NE	1.6	6.5	4.0	1.6								13.7	6.6
ENE		10.5	15.3	8.9								34.7	8.6
E	.8	11.3	21.0	4.0								37.1	7.9
ESE			.8	1.6								2.4	11.3
SE	1.6	.8										2.4	3.3
SSE		.8										.8	4.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												2.4	
	4.0	33.1	44.4	16.1								100.0	7.6

TOTAL NUMBER OF OBSERVATIONS

124

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC
MONTH

ALL WEATHER
CLASS

10
HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N			.8									.8	9.0
NNE		2.4		2.4								4.8	9.2
NE			6.5	4.8	.8							12.1	11.3
ENE		2.4	10.5	21.0	.8							34.7	11.4
E		2.4	13.7	19.4	2.4							37.9	11.9
ESE			3.2	3.2	1.6							8.1	12.0
SE	.8											.8	2.0
SSE													
S													
SSW	.8											.8	3.0
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
	1.6	7.3	34.7	50.8	5.6							100.0	11.4

TOTAL NUMBER OF OBSERVATIONS

124

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

STATION 41406 ACANA, GUAM STATION NAME 73-76 YEARS MONTH DEC 13 HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N		.8		.8								1.6	8.5
NNE		.8		2.4								3.2	11.5
NE			4.0	8.1	.8							12.9	12.8
ENE		.8	8.9	21.0	2.4							33.1	12.6
E			11.3	25.8	2.4							39.5	12.3
ESE		.8	3.2	2.4								6.5	9.8
SE			1.6	.8								2.4	11.0
SSE													
S													
SSW													
SW													
WSW		.8										.8	4.0
W													
WNW													
NW													
NNW													
VARBL													
CALM												.0	
		4.0	29.0	61.3	5.6							100.0	12.1

TOTAL NUMBER OF OBSERVATIONS 124

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC

MONTH

16

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N		.8	1.6									2.4	8.0
NNE	.8		1.6	1.6								4.0	9.6
NE		.8	4.8	9.7	.8							16.1	11.7
ENE			15.3	12.9	2.4							30.6	11.4
E	.8	.8	16.9	19.4	.8							38.7	10.9
ESE		.8	3.2	2.4								6.5	10.5
SE			1.6									1.6	9.0
SSE													
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL												.0	
CALM													
	1.6	3.2	45.2	46.0	4.0							100.0	11.0

TOTAL NUMBER OF OBSERVATIONS

124

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

YEARS

73-76

DEC

MONTH

19

HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		3.2	.8	.8								4.8	7.2
NE	.8	8.1	10.5	1.6								21.0	7.0
ENE	3.2	11.3	9.7	5.6								29.8	7.1
E	1.6	4.8	21.0	7.3	.8							35.5	9.1
ESE	.8	3.2	2.4	1.6								8.1	7.3
SE													
SSE		.6										.8	4.0
S													
SSW													
SW													
WSW													
W													
WNW													
NW													
NNW													
VARBL												.0	
CALM													
	6.5	31.5	44.4	16.9	.8							100.0	7.8

TOTAL NUMBER OF OBSERVATIONS

124

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC

MONTH

ALL WEATHER
CLASS

22

HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N													
NNE		2.4										2.4	5.0
NE	1.6	4.8	12.1	3.2								21.8	8.0
ENE	3.2	10.5	12.1	4.0	.8							30.6	7.6
E	.8	12.9	13.7	11.3								38.7	8.8
ESE	.8	.8	1.6	1.6								4.8	7.8
SE													
SSE													
S													
SSW													
SW													
WSW													
W													
WRW													
NW													
NNW													
VARBL													
CALM												1.6	
	6.5	31.5	39.5	20.2	.8							100.0	8.0

TOTAL NUMBER OF OBSERVATIONS

124

DIRNAVOCEANMET SMOS

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC

MONTH

ALL WEATHER

CLASS

ALL

HOURS (L.S.T.)

CONDITION

5702 SURFACE WINDS JAN 78

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.1	.4	.4	.1								1.0	7.0
NNE	.2	2.6	1.0	1.0								4.8	7.5
NE	.9	4.0	7.0	4.1	.3							16.3	8.7
ENE	1.7	6.7	12.2	10.1	.8							31.5	9.2
E	.8	6.8	16.4	13.3	.9							38.2	9.7
ESE	.3	1.1	2.1	1.7	.3							5.5	9.4
SE	.3	.2	.4	.1								1.0	6.9
SSE		.2										.2	4.0
S													
SSW	.1											.1	3.0
SW													
WSW		.1										.1	4.0
W													
WNW													
NW													
NNW		.1										.1	4.0
VARBL													
CALM												1.1	
	4.4	22.2	39.5	30.4	2.3							100.0	9.1

TOTAL NUMBER OF OBSERVATIONS

992

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS ALL MONTH ALL HOURS (L.S.T.)

ALL WEATHER CLASS

CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	.6	.7	.7	.4	.0	.0		.0				2.4	7.2
NNE	1.4	1.8	1.6	1.1	.1						.0	6.0	7.0
NE	2.1	4.0	4.1	2.2	.1	.0						12.4	7.2
ENE	3.0	7.4	8.4	4.7	.3			.0				23.8	7.7
E	2.5	7.7	11.5	7.5	.5	.0	.0					29.8	8.4
ESE	1.0	2.0	3.1	1.4	.2	.0					.0	7.7	7.9
SE	.7	1.2	1.3	.6	.1	.0			.0			3.8	7.3
SSE	.6	.7	.8	.2	.0				.0			2.4	6.2
S	.8	.7	.3	.3	.0	.0	.0					2.3	6.3
SSW	.2	.2	.3	.1	.0	.0	.0					.8	7.3
SW	.1	.1	.2	.0	.0	.0	.0					.4	6.1
WSW	.1	.2	.3	.1	.0	.0	.0					.8	7.5
W	.2	.3	.4	.3	.1	.0	.0					1.3	8.7
WNW	.1	.3	.2	.1	.0	.0						.7	6.5
NW	.1	.2	.1	.1	.0							.5	6.3
NNW	.2	.3	.2	.1	.0							.7	6.0
VARB													
CALM												4.1	
	13.8	27.7	33.6	19.1	1.4	.2	.0	.0	.0	.0	.0	100.0	7.4

TOTAL NUMBER OF OBSERVATIONS 14351

NAVAL WEATHER SERVICE
DETACHMENT
ASHEVILLE, NC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

ALL

MONTH

INSTRUMENT

CLASS

ALL

HOURS (L.S.T.)

CIG 200 TO 1400 FT W/VSBY 1/2 MI OR MORE,

CONDITION

AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.7	.7	1.3	.4	.3	.4		.1				4.0	11.1
NNE	.4	.9	2.5	1.7								5.5	8.9
NE	.3	1.5	3.0	3.6	.2							8.8	9.8
ENE	1.1	2.7	5.6	4.2	.8							14.4	9.3
E	.9	4.3	8.2	8.6	1.1	.3	.1					23.6	10.3
ESE	.6	2.2	3.7	2.6	.7	.3						10.1	9.8
SE	.2	2.2	2.0	1.6	.4							6.5	9.1
SSE	.8	.9	2.6	.6								4.8	7.2
S	.4	1.7	.7	1.0	.4	.3	.1					4.7	10.2
SSW	.1	.6	1.1	.9	.2	.1						3.0	10.1
SW	.1	.3	.8	.2	.1		.1					1.7	10.3
WSW	.2	.2	.4	.8	.2	.1						2.0	11.2
W	.3	.7	.9	1.6	.2							3.7	10.4
WNW	.3	.3	.2	.7	.1	.1						1.8	9.9
NW	.2	.2	.7	.2								1.3	7.8
NNW	.1		.6	.6	.1							1.3	11.1
VARBL													
CALM												2.7	
	7.0	19.5	34.3	29.2	5.1	1.8	.3	.1				100.0	9.5

TOTAL NUMBER OF OBSERVATIONS

691

PART D CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from 3-hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												≥ 0
1800												
1500					91.0							92.6
1200												
1000												
900												
800												
700												
600												
500										97.4		98.1
400												
300												
200												
100												
0					95.4		96.9			98.3		100.0

EXAMPLE # 1 Read ceiling values independently of visibility under column at right headed ≥ 0.

For instance, from the table: Ceiling ≥ 1500 feet = 92.6%.

Ceiling ≥ 500 feet = 98.1%.

EXAMPLE # 2 Read visibilities independently of ceilings on bottom line opposite ≥ 0. From the table:

Visibility ≥ 3 miles = 95.4%.

Visibility ≥ 2 miles = 96.9%.

Visibility ≥ 1 mile = 98.3%.

EXAMPLE # 3 To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling ≥ 1500 feet with visibility ≥ 3 miles = 91.0%.

PART D

ADDITIONAL EXAMPLES

EXAMPLE # 4

Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5

To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with > 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with > 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

PART D

SKY COVER

This summary is prepared from 3-hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

CEILING VERSUS VISIBILITY

STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

01
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
≥ 18000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 12000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 7000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1800		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1500		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		96.1	98.1	98.1	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0		96.8	98.7	98.7	99.4	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
AI 18000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 16000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 14000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 12000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 10000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 9000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 8000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
AI 7000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 6000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 5000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 4500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 3500		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 3000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI 2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI 2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI 1800		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
AI 1500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1200		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 1000		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AI 900		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 800		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 500		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 400		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 300		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 200		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 100		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI		95.5	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

153

NAVWEASERVCOM

347

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

RRRR

RRR

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73=77

YEARS

JAN
MONTH07
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)		VISIBILITY (STATUTE MILES)														
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
≥ 20000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 18000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI ≥ 16000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI 14000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
AI ≥ 12000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
AI 10000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI ≥ 9000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
AI 8000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI ≥ 7000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 6000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI ≥ 5000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 4500		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI ≥ 4000		83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 3500		83.9	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI ≥ 3000		85.2	85.8	85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 2500		86.5	87.1	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI ≥ 2000		89.0	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 1800		89.0	89.7	89.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI ≥ 1500		90.3	91.0	91.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
AI 1200		93.6	94.2	94.2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI ≥ 1000		93.6	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 900		93.6	94.8	94.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI ≥ 800		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 700		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI ≥ 600		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 500		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI ≥ 400		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 300		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI ≥ 200		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 100		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI ≥ 0		93.6	95.5	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION
41406

AGANA, GUAM

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
JAN

HOURS
12

PERCENT

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
AI 20000		65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
AI 18000		65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
AI 16000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 14000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI 12000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 10000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 9000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 8000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 7000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 6000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 5000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
AI 4500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 4000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 3500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 3000		90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 2500		91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
AI 2000		94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 1800		94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 1500		95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI 1200		96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 1000		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 900		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 800		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 500		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 400		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 300		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 200		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 100		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI		96.8	98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

345

MMH

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MMH

CEILING VERSUS VISIBILITY

STATION
ACANA, GUAM

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION
ACANA, GUAM

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														TOTAL NUMBER OF OBSERVATIONS
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
18000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
16000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
14000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
12000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
10000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
9000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
8000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
7000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
6000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
5000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4500		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
4000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3500		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
3000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2500		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
2000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1800		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1500		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1200		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
1000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
900		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
800		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
700		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
600		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
500		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
400		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
300		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
200		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
100		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
0		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406 STATION NAME AGANA, GUAM 73-77 YEARS MONTH JAN MONTH 16 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
AI 18000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 16000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 14000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 12000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
AI 10000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
AI 9000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 8000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 6000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 5000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 4500		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 4000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 3500		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
AI 3000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 2500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 2000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 1800		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 1500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1200		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 1000		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 900		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 800		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 700		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 600		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 500		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 400		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 300		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 200		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI 100		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

JAN
MONTH

1977
YEAR

73-77

STATION NAME

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING AT ALL	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
AT 1000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AT 1800	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AT 1600	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AT 1400	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AT 1200	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
AT 1000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
AT 800	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AT 600	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AT 400	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AT 300	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AT 200	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AT 100	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AT 0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AT 1000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AT 800	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AT 600	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AT 400	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AT 300	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AT 200	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AT 100	94.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AT 0	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AT 1000	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AT 800	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 600	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 400	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 300	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 200	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 100	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AT 0	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 18000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 10000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 9000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 7000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 6000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 5000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 4000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 3000	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2500	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1800	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1500	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1200	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

341

MHRM

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MHRM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JAN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (EST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 20000		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
AI 18000		70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
AI 16000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
AI 14000		71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
AI 12000		74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
AI 10000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
AI 9000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 8000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
AI 7000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
AI 6000		84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
AI 5000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
AI 4500		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI 4000		87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 3500		87.7	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
AI 3000		89.3	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
AI 2500		90.0	90.2	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
AI 2000		91.0	91.3	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
AI 1800		91.1	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
AI 1500		93.0	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
AI 1200		95.5	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 1000		96.4	97.7	98.3	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1
AI 900		96.5	97.8	98.5	98.9	99.0	99.1	99.3	99.3	99.3	99.4	99.4	99.4
AI 800		96.5	97.9	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6
AI 700		96.5	97.9	98.6	99.0	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.6
AI 600		96.5	98.0	98.7	99.2	99.3	99.4	99.6	99.6	99.8	99.9	99.9	99.9
AI 500		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0
AI 400		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0
AI 300		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0
AI 200		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0
AI 100		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0
AI 0		96.5	98.0	98.8	99.3	99.4	99.7	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

61406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 18000	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 16000	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 14000	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
≥ 12000	75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 10000	78.0	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000	81.6	82.3	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
≥ 8000	83.7	84.4	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
≥ 7000	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 5000	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4500	85.1	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 4000	85.8	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
≥ 3500	87.2	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000	88.7	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
≥ 2500	89.4	90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
≥ 2000	90.1	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1800	90.1	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
≥ 1500	92.9	94.3	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
≥ 1200	95.0	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
≥ 1000	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	96.5	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

339

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING VERSUS VISIBILITY

STATION
41406

AGANA, GUAM

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FEB
MONTH

04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 18000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 16000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 14000		66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
AI 12000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 10000		69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
AI 9000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 8000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AI 7000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AI 6000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
AI 5000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
AI 4500		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 4000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
AI 3500		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
AI 3000		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
AI 2500		85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 2000		86.5	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
AI 1800		88.7	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
AI 1500		91.5	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
AI 1200		95.7	97.2	97.9	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 1000		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 900		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 800		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 700		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 600		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 500		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 0		96.5	97.9	98.6	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41405
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ 0
NO CEILING		54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 20000		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
18000		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
16000		68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
14000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
12000		70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
10000		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
9000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
8000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
7000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
6000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
5000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
4500		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
4000		85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
3500		90.1	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
3000		90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2500		91.5	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
2000		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1800		95.7	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1500		97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1200		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
1000		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

337

MMH

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MMH

CEILING VERSUS VISIBILITY

STATION 41406 STATION NAME AGANA, GUAM YEARS 73-77 MONTH FEB
 HOURS (L.S.T.) 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
18000		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
16000		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
14000		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
12000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
10000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
9000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
8000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
7000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
6000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4500		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
3500		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
3000		89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
2500		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2000		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1800		90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1500		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1200		97.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1000		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

41405
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING												
≥ 20000		44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
AI 18000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 16000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 14000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI 12000		66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
AI 10000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
AI 9000		70.9	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
AI 8000		71.6	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 7000		73.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 6000		73.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
AI 5000		74.5	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
AI 4500		75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
AI 4000		75.9	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
AI 3500		76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 3000		76.6	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 2500		79.4	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
AI 2000		80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
AI 1800		81.6	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
AI 1500		83.7	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
AI 1200		89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 1000		97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 900		97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 800		97.2	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 700		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 600		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 500		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 400		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 300		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 200		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 100		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI AI		97.2	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (L & T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4	51.8 67.4
18000		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
≥ 16000		67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
14000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
≥ 12000		70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
10000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
≥ 9000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
8000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 7000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
6000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 5000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4500		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
4000		80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
3500		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
3000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2500		83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 2000		87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1800		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
1500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1200		96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
1000		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
900		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
800		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
700		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
600		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
500		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
400		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
300		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
200		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
100		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0		98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

61406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
≥ 20000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
18000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
16000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
14000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
12000		74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
10000		75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
9000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
8000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
7000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
6000		82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
5000		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4500		83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
4000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
3500		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
3000		90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
2500		91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
2000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1800		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1200		97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
1000		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

141

NAVWEASERVCOM

333

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
≥ 20000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 18000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 16000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 14000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 12000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
AI 10000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 9000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
AI 8000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
AI 7000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
AI 6000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
AI 5000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
AI 4500	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
AI 4000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 3500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 3000	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
AI 2500	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
AI 2000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 1800	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 1500	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
AI 1200	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
AI 1000	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 900	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 800	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 700	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 600	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 500	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 300	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 200	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 100	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
AI 0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS

141

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

FEB
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (LST.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
≥ 20000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
18000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
16000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
14000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
12000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
10000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
9000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
8000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
7000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
6000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
5000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
4500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
4000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
3500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
3000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
2000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1800		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1200		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
1000		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
900		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
800		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
700		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
600		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
500		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
400		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
300		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
200		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
100		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0

TOTAL NUMBER OF OBSERVATIONS

1128

NAVWEASERVCOM

331

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

HMM

HMM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING															
≥ 20000		58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
≥ 18000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 16000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 12000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 9000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 5000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2500		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1500		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1200		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

329

NRNR

5703 CEILING VERSUS VISIBILITY JAN 68

NRNR

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 12000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 10000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 9000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 8000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 6000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

AD-A060 606

NAVAL WEATHER SERVICE DETACHMENT /SHEVILLE N C

F/G 4/2

SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) AGANA, G--ETC(U)

JUN 78

UNCLASSIFIED

NL

3 OF 4

AD
A080606

A large grid consisting of 14 columns and 7 rows of small, dark, rectangular frames. Each frame appears to be a placeholder for data or a small image, but they are mostly empty or contain very faint, illegible markings. The grid is the central feature of the page, occupying most of the lower half.

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)		VISIBILITY (STATUTE MILES)													
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING	≥ 20000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
	≥ 18000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	≥ 16000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	≥ 14000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	≥ 12000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
AI AI	≥ 10000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
	≥ 9000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	≥ 8000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
	≥ 7000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
	≥ 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI AI	≥ 5000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
	≥ 4500	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	≥ 4000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
	≥ 3500	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
	≥ 3000	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI AI	≥ 2500	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	≥ 2000	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	≥ 1800	90.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
	≥ 1500	91.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
	≥ 1200	94.8	96.1	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
AI AI	≥ 1000	95.5	96.8	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	≥ 900	95.5	96.8	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	≥ 800	95.5	96.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	≥ 700	95.5	96.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	≥ 600	95.5	96.8	98.1	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI AI	≥ 500	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	≥ 400	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	≥ 300	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	≥ 200	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	≥ 100	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI AI	0	96.1	97.4	98.7	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION NAME AGANA, GUAM YEAR 73-77 MONTH MAR
 HOURS (L.S.T.) 10
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000		44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
18000		62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
16000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
14000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
12000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
10000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
9000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
8000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
7000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
6000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
5000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4500		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
4000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3500		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
3000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2500		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1800		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1200		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1000		96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
900		96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 153

MAR
MONTH

13 HOURS (L 5)

TOTAL NUMBER OF OBSERVATIONS

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
≥ 20000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 16000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 14000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 10000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 8000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 7000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 6000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 5000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 4500		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 4000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 3500		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 3000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 2000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1800		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 1500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 12000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 9000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3000		90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2500		92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000		92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500		93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1200		96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													≥ 0
≥ 20000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 18000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 9000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 5000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 4500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 2000		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
≥ 1800		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 18000		67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
≥ 16000		68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
≥ 14000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 12000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 10000		71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
≥ 9000		76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
≥ 8000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
≥ 7000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 5000		79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
≥ 4500		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 4000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 3500		84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 3000		85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
≥ 2500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 1800		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 1500		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1200		92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1000		96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 900		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 800		97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
≥ 700		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 400		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 300		98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 100		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

1240

NAYWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR
MONTH

01
HOURS (L.S.T.)

321

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 18000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 16000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
≥ 14000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 12000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
10000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
9000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
8000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
7000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
6000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
5000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
4500		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
4000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3500		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
2000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1800		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1500		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1200		97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

APR
MONTH

04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 20000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
18000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
16000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
14000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
12000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
10000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
9000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
8000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
7000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
6000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
5000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
4500		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
4000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3500		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
2500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1800		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1500		90.7	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200		96.0	96.0	96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000		96.7	96.7	96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
900		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		96.7	98.0	98.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.7	98.7	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING											
At 20000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
At 18000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
At 16000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
At 14000	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
At 12000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
At 10000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
At 9000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
At 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
At 7000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
At 6000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
At 5000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
At 4500	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
At 4000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
At 3500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
At 3000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
At 2500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
At 2000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
At 1800	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
At 1500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
At 1200	95.3	96.0	96.7	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
At 1000	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 900	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 800	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 700	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 600	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 500	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 400	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 300	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 200	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 100	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
At 0	97.3	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

319

RRR

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

RRR

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS APR MONTH 10 HOURS (LST) 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000		70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
AI 18000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 16000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 14000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
AI 12000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
AI 10000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 9000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 8000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 7000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 6000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI 5000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 4500		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 4000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 3500		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 3000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
AI 2500		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
AI 2000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI 1800		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
AI 1500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
AI 1200		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 1000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 900		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING		49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
18000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
16000		74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
14000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
12000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
10000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
9000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
8000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
6000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
5000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
4500		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
4000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3500		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
3000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2500		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
2000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1200		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
700		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
600		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
200		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
100		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

317

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
18000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
16000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
14000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
12000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
10000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
9000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
8000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
7000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
6000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
5000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
4500		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
3500		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
1800		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
1500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1200		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-77 YEARS MONTH APR 19 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
AI 20000		58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
AI 18000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 16000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 14000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 12000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
AI 10000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
AI 9000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
AI 8000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 7000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 6000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 5000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 4500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 4000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 3500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 3000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 2500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 2000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 1800		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 1500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 1200		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
AI 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 900		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 700		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 600		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 400		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 300		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 200		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 100		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 0		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS APR MONTH 22 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 20000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 18000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 16000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 14000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 12000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 10000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 9000	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 8000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 7000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 6000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 5000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 4500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 3500	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 2000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1800	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1200	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 1000	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
AI AI		77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
AI 18000		77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
AI 16000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
AI 14000		78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
AI 12000		80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
AI 10000		82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
AI 9000		83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
AI 8000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 7000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
AI 6000		84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
AI 5000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 4500		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 4000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 3500		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 3000		89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
AI 2500		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
AI 2000		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
AI 1800		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 1500		94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
AI 1200		97.3	97.3	97.3	97.3	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2
AI 1000		98.1	98.1	98.1	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
AI 900		98.1	98.1	98.1	98.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
AI 800		98.2	98.2	98.2	98.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
AI 700		98.2	98.2	98.2	98.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
AI 600		98.2	98.2	98.2	98.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
AI 500		98.2	98.2	98.2	98.2	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
AI 400		98.2	98.2	98.2	98.2	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5
AI 300		98.2	98.2	98.2	98.2	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7
AI 200		98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8
AI 100		98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9
AI 0		98.2	98.2	98.2	98.2	99.6	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1200

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM 73-77 YEARS MAY MONTH 01 HOURS (LST.)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 18000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 16000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
AI 14000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
AI 12000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
AI 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 9000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI 8000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 7000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 6000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 5000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 4500		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 4000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 3500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 3000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
AI 2500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 2000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 1800		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 1500		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
AI 1200		94.8	95.5	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
AI 1000		96.8	98.1	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 900		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 800		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 500		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 400		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 300		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 200		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 100		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 0		96.8	98.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 125

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH MAY HOURS (LST) 04

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ 0
NO CEILING		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
AI 20000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 18000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 16000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
AI 14000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 12000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
AI 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 9000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI 8000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 7000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 6000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 5000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 4500		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 4000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 3500		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 3000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
AI 2500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 2000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 1800		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 1500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 1200		95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AI 1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 900		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 800		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 700		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 600		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 400		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 300		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 200		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 100		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
AI 0		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

41606
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 18000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 16000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 14000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 8000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 4000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 3500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 2000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1800		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 1500		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

61406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
18000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
16000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
14000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
12000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
10000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
9000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
7000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
6000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
3500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
2500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1800		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1500		92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		97.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
18000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
16000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
14000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
10000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
9000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
8000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
7000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
6000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4500	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3500	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2500	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
1800	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
1200	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
500	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS (LST)

16

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING ≥ 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 18000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 16000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
≥ 14000	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 12000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 10000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 9000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 4500	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 3500	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 2000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1800	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 1600	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1400	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500	95.5	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

153

NAVWEASERVCOM

307

HRRR

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

HRRR

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 20000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
18000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 16000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
14000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 12000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
10000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 9000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
8000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 7000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
6000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
4000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
3500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 3000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
2500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
1800		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
800		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41400 STATION
 AGANA, GUAM
 73-77
 YEARS
 MAY MONTH
 22
 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
≥ 20000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 18000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 16000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 14000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 12000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 8000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 7000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 5000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4500		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 1800		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1200		94.8	94.8	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		96.1	96.1	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 900		96.1	96.1	96.1	96.1	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		96.8	96.8	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		96.8	96.8	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		96.8	96.8	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		96.8	96.8	96.8	96.8	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		96.8	96.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		96.8	96.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		96.8	96.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		96.8	96.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 0		96.8	96.8	96.8	96.8	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 153

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

MAY
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)ALL
HOURS (15)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000		72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 18000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
≥ 16000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 14000		74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
≥ 12000		76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
≥ 10000		81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
≥ 9000		82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 8000		84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 7000		84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 6000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4500		85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
≥ 4000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 3500		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 2500		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
≥ 2000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 1800		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 1500		92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		95.5	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1000		96.8	97.5	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
≥ 900		96.9	97.6	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 800		97.0	97.7	98.0	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 700		97.0	97.7	98.1	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 600		97.1	97.8	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500		97.1	97.8	98.2	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400		97.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 300		97.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 200		97.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 100		97.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
≥ 0		97.1	97.9	98.2	98.7	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

1234-18766

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)01
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 20000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
18000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
16000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
14000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
12000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
10000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
9000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
8000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
7000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
6000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
5000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4500		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
3500		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
3000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

73-77
YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 18000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 16000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 14000		76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
≥ 12000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 8000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 5000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 4000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 3500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
≥ 3000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 2500		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

130

STATION
61606

AGANA, GUAM

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING VERSUS VISIBILITY

301

MEMPHIS

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

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[illegible]

TOTAL NUMBER OF OBSERVATIONS -

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													
≥ 20000		40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
18000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
AI		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
AI		66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
14000		68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
AI		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
AI		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
AI		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
8000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
AI		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
AI		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
4000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
AI		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
AI		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
4500		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
3500		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
2500		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
AI		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
500		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
400		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
200		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
100		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI		99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-77 YEARS MONTH 13 HOURS 13.5 T.

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
≥ 20000		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 18000		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 14000		64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 12000		67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 10000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 9000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 8000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 7000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 6000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 5000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4500		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 4000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3500		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 3000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 2500		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 2000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 1800		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 1500		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH 16 HOURS (L.S.T.) 16

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
≥ 20000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
18000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 16000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
14000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
≥ 12000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
8000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 7000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
6000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 5000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
4500		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
≥ 4000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
3500		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 3000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
2500		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
≥ 2000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1800		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

297

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

1111

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING														
≥ 20000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
18000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
16000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
14000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
12000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
10000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
9000	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
8000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
7000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
5000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
4000	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
3500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
3000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
2000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
1000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM

73-77

YEARS

MONTH JUN

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 18000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 16000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 14000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 12000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 10000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 9000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 7000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 6000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 5000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 3500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 3000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 2000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1200	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 700	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 600	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 500	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 400	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 300	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 200	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 100	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

61406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

JUN
MONTH

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
≥ 20000		72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
18000		72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
16000		73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
14000		74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
12000		78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
10000		84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
9000		86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
8000		88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
7000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
6000		88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
5000		88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
4500		89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
4000		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
3500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2500		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2000		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
1800		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
800		99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700		99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
600		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
500		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
400		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
300		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
100		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0		99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS

1200

NAVWEASERVCOM

295

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-77 YEARS MONTH JUL HOURS (L.S.T.) 01

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 18000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 16000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
≥ 14000		69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
≥ 12000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 10000		80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 8000		85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 7000		85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 6000		86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000		87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4500		87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 4000		87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3500		89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2500		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 2000		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1800		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500		94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1200		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 700		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 600		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 400		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 300		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 200		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 100		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

STATION 41406

AGANA, GUAM

STATION NAME

7-77

YEARS

JUL

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

293

NRKN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NRKN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 20000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
18000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
16000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
14000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
12000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
10000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
9000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
8000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
7000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
6000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
5000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
4500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
4000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
3000		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
2500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
2000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1800		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1500		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION
41406

AGANA, GUAM

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH
JUL

HOURS (LST)
07

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
18000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
16000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
14000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
12000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
10000		74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
9000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
8000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
7000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
6000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
5000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
4500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
3000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1800		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1500		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1200		97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

61406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

291

NNND

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNND

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½
NO CEILING											
At 20000		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
At 18000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
At 16000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
At 14000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
At 12000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
At 10000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
At 9000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
At 8000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
At 7000		81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 6000		81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 5000		81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 4500		81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 4000		81.9	82.6	82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2
At 3500		82.6	83.2	83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9
At 3000		83.2	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5
At 2500		84.5	85.2	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
At 2000		85.2	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5
At 1800		86.5	87.1	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7
At 1500		90.3	91.0	91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6
At 1200		94.2	94.8	95.5	96.1	96.1	96.1	96.1	96.1	96.1	96.1
At 1000		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 900		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 800		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 700		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 600		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 500		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 400		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 300		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 200		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
At 100		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0
0		96.1	97.4	98.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING															
≥ 20000		31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
18000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
14000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
12000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
10000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
9000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
8000		75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
7000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
6000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
5000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
4500		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3500		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
3000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
2500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
1800		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
1500		93.6	93.6	94.2	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200		95.5	95.5	96.1	96.1	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		96.8	97.4	98.7	98.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
18000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
16000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
14000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
12000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
10000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
9000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
8000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
7000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
6000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
5000		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4500		78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3500		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3000		84.5	84.5	84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2500		85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2000		86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1800		86.5	86.5	86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1500		91.6	91.6	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
1200		95.5	95.5	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING														
≥ 20000		35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
≥ 18000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
≥ 16000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 14000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
≥ 12000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
≥ 9000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
≥ 8000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
≥ 7000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 6000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4500		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 4000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 3500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 3000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 2500		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1800		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1500		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 900		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (L.S.T.)

287

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16
NO CEILING		51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
≥ 20000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
AI 18000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
AI 16000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
AI 14000		69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
AI 12000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
AI 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
AI 9000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI 8000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
AI 7000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 6000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 5000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
AI 4500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 4000		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 3500		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
AI 3000		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1800		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
AI 1500		94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
AI 1200		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
AI 0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

135

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

JUL
MONTHALL
HOURS (LST.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅕	≥ 0	≥ 0
NO CEILING		42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
≥ 20000		64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
18000		64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
16000		64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
14000		66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
12000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
10000		79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
9000		81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
8000		84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
7000		85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
6000		85.4	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
5000		85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
4500		85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
4000		86.4	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
3500		86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
3000		89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
2500		90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
2000		90.5	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
1800		90.8	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
1500		94.1	94.4	94.5	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200		96.6	96.9	97.1	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1000		98.2	98.7	99.1	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
900		98.2	98.7	99.1	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
800		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.2	98.7	99.1	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTH

01
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
≥ 20000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
18000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
16000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
14000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
12000		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
10000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
9000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
7000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
6000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
5000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4500		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
3500		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
3000		90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
2500		91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000		91.0	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1800		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1500		92.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1200		96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1000		96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		96.8	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		97.4	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

125

CEILING VERSUS VISIBILITY

61406 STATION AGANA, GUAM 71-77 YEARS AUG MONTH 04 HOURS (LST)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		43.9	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 18000		60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000		60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000		60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 12000		60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 10000		65.2	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
≥ 9000		76.8	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 8000		80.0	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 7000		81.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 6000		82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 5000		82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4500		82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 4000		82.6	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 3500		83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000		83.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500		85.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2000		86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1800		86.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1500		87.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1200		91.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 800		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 700		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 600		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 500		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 400		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 300		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 200		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 100		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0		92.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
≥ 20000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
18000		60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
16000		60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
14000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
12000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
9000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
8000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
7000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
6000		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
5000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000		91.6	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2500		92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2000		92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1800		92.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1500		92.9	94.2	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1200		94.8	96.1	96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
1000		95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900		95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800		95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700		95.5	96.8	96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600		95.5	96.8	96.8	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		96.1	97.4	97.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS MONTH AUG HOURS 10

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
≥ 18000		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 16000		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
≥ 14000		50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 12000		52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 10000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 9000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
≥ 8000		77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
≥ 7000		80.0	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000		81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500		82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000		82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500		84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 3000		84.5	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500		85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 2000		86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1800		86.5	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 1500		90.3	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 1200		93.6	94.8	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900		96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		96.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		96.8	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
18000		45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
16000		45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
14000		45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
12000		49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
10000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
9000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
8000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
7000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
6000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
5000		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
4500		74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
4000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
3500		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
3000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
2500		79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
2000		79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
1800		80.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1500		85.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
1200		92.3	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1000		94.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900		94.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		95.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

281

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

HHH

HHH

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

16
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ⅓	≥ ⅕	≥ 0	≥ 0
NO CEILING		21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
≥ 20000		50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
18000		51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
16000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
14000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
12000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
10000		73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 9000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
8000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
6000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
5000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4500		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3500		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
2500		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
1800		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1500		91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1200		94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1000		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900		96.1	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
700		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
500		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
400		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
300		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
200		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
100		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
0		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

19
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
≥ 20000		28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
≥ 18000		50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
≥ 16000		51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
≥ 14000		52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 12000		56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
≥ 10000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000		72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
≥ 8000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 7000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 6000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 5000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 2500		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1800		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 1500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
≥ 1200		91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 1000		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 900		94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
≥ 800		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 700		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 600		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 500		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 400		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 300		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 100		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
0		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

279

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNNN

41606
STATION

AGANA, GUAM

[illegible]

73-77

YEARS

AUG
MONTH

CEILING VERSUS VISIBILITY

**PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)**

VISIBILITY (STATUTE MILES)

[illegible]

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

AUG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (24)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000		33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
18000		54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
16000		55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
14000		55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
12000		58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
10000		65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
9000		76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
8000		80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
7000		82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
6000		82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
5000		82.7	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
4500		83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
4000		84.4	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
3500		84.5	84.8	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
3000		86.5	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
2500		87.2	88.0	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
2000		87.3	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
1800		87.7	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
1500		90.3	91.5	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1200		93.4	94.8	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
1000		95.3	97.3	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
900		95.3	97.3	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
800		95.9	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
700		95.9	98.1	98.4	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
600		96.0	98.2	98.6	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
500		96.1	98.3	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
400		96.1	98.3	98.6	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300		96.1	98.3	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
200		96.1	98.3	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
100		96.1	98.3	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
0		96.1	98.3	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

1240

NAVWEASERVCOM

277

MHM

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

MHM

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 7377 YEARS SEP MONTH 01 HOURS (L.S.T.)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0	
NO CEILING	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
≥ 20000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
18000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
16000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
14000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
12000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
10000	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
9000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
8000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
7000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
6000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
5000	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
4000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
2000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1200	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
1000	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 149

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)04
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 20000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
AI 18000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
AI 16000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
AI 14000		69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
AI 12000		71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
AI 10000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
AI 9000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
AI 8000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 7000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
AI 6000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 5000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 4500		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 4000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 3500		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 3000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
AI 2500		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 2000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 1800		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
AI 1500		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
AI 1200		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
AI 1000		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 900		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 800		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 700		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 600		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 500		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 400		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 300		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 200		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI 100		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
AI AI		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3

TOTAL NUMBER OF OBSERVATIONS

149

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
≥ 20000		61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
18000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
16000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
14000		63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
12000		72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
9000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
8000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
7000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
6000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
5000		89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
4500		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
4000		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
3500		90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
3000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
2500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
2000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1800		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1600		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1500		95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1200		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

149

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING															
≥ 20000		28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	
18000		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
16000		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
14000		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	
12000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	
10000		67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	
9000		75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	
8000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	
7000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
6000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	
5000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
4500		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
4000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
3500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
3000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
2500		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
2000		86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	
1800		93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	
1500		96.6	97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	
1200		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
1000		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
900		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
800		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
700		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
600		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
500		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
400		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
300		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
200		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
100		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
0		97.3	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	

TOTAL NUMBER OF OBSERVATIONS

149

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406 STATION NAME AGANA, GUAM 73-77 YEARS SEP MONTH 13 HOURS (L.S.T.)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
≥ 20000		53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000		53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 14000		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 12000		62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
≥ 10000		71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 9000		73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
≥ 8000		79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
≥ 7000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 6000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4500		80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
≥ 4000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3500		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 3000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2500		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 2000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 1800		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 1500		90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 1200		94.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 149

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-77 YEARS SEP MONTH 16 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
≥ 20000		54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 18000		55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
≥ 16000		55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
≥ 12000		68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000		77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
≥ 9000		79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 8000		81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
≥ 7000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4000		85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3500		85.2	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
≥ 3000		85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2500		85.9	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 2000		86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
≥ 1800		89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 1500		94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 1200		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 900		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 800		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 700		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 600		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 500		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 400		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 300		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 200		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 100		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
0		96.0	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6

TOTAL NUMBER OF OBSERVATIONS 149

CEILING VERSUS VISIBILITY

SEP
MONTH

19
HOURS (L.S.T.)

73-77
YEARS

AGANA, GUAM
STATION NAME

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ ¼	≥ 0
NO CEILING		34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
≥ 20000		53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 18000		53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 16000		53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 14000		57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
≥ 12000		67.8	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
≥ 10000		78.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 9000		81.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 8000		86.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		87.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
≥ 6000		89.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 5000		89.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4500		89.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
≥ 4000		90.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3500		90.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 3000		92.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 2500		92.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
≥ 2000		93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1800		93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1500		93.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1200		96.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 1000		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 900		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 800		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 700		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 600		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 500		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 400		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 300		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 200		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
≥ 100		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
0		96.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 149

CEILING VERSUS VISIBILITY

SEP
MONTH

YEARS

73-77

STATION NAME

AGANA, GUAM

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

22
HOURS (24 H)

269

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING															
AI 20000		43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
AI 18000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
AI 16000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
AI 14000		57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
AI 12000		60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
AI 10000		69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
AI 9000		81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI 8000		85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
AI 7000		89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
AI 6000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 5000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 4500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 4000		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
AI 3500		92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
AI 3000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
AI 2500		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
AI 2000		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
AI 1800		94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
AI 1500		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 1200		96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 1000		96.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 900		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 800		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 700		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 600		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 500		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 400		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 300		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 200		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 100		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
AI 0		98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS

149

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING													
≥ 20000		37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
AI 18000		58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
AI 16000		58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
AI 14000		59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
AI 12000		61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
AI 10000		69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
AI 9000		79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
AI 8000		82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
AI 7000		85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
AI 6000		86.2	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
AI 5000		86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
AI 4500		86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
AI 4000		86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
AI 3500		88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
AI 3000		88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
AI 2500		89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
AI 2000		89.6	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
AI 1800		89.9	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
AI 1500		89.9	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
AI 1200		92.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
AI 1000		96.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
AI 900		97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
AI 800		97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
AI 700		97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
AI 600		97.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
AI 500		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AI 400		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AI 300		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AI 200		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AI 100		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
AI 0		97.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS

1192

CEILING VERSUS VISIBILITY

267

1234-18766

RRRN

5703 CEILING VERSUS VISIBILITY JAN 68

RRR

01
MONTH

01
HOURS (LST)

73-77
YEARS

STATION NAME

AGANA, GUAM

91406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING		57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 18000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 16000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 14000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
≥ 12000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 9000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 8000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 7000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 6000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 5000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 4500		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
≥ 4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 3000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1800		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
≥ 1500		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1000		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 900		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 800		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 700		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

STATION

AGANA, GUAM

73-77

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH

01

HOURS (L.S.T.)

267

RRMM

5703 CEILING VERSUS VISIBILITY JAN 68

NHP

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
≥ 20000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
18000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
16000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
14000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
12000		76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
9000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
8000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
7000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
6000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
5000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
4500		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1800		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1500		92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1200		96.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
900		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
800		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		98.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
≥ 20000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 18000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 14000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 12000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
≥ 10000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
≥ 9000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
8000	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
7000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
6000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
5000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4500	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
4000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3500	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3000	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
2000	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1800	92.9	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1500	94.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1200	95.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700	96.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	96.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

152

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
≥ 20000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
18000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
16000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
14000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
12000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
9000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
8000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
7000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
6000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
5000		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4500		89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
4000		89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3000		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
2000		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1800		92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
1500		93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900		98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

155

NAVWEASERVCOM

265

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNN

NNN

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

DOY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

10
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
≥ 20000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 18000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 16000		61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
≥ 14000		63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 12000		71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
≥ 10000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 9000		81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
≥ 8000		81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 7000		81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 6000		81.9	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
≥ 5000		82.6	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 4500		83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 4000		83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3500		83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 3000		83.2	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
≥ 2500		85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 2000		85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1800		85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
≥ 1500		89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 1200		93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
≥ 1000		95.5	96.8	96.8	96.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 900		96.1	97.4	97.4	97.4	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 800		96.8	98.1	98.1	98.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 600		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 500		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 400		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 300		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 200		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
≥ 100		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0		97.4	98.7	98.7	98.7	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS

155

NAYWEASERVCOM

1234-18766

NNMM

5703 CEILING VERSUS VISIBILITY JAN 68

NNP

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-77 YEARS MONTH OCT 13 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
≥ 20000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
18000		58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
16000		59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
14000		61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
12000		71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
10000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
9000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
8000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
7000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
6000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
5000		82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
4500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
4000		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
3000		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
2500		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
2000		87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
1800		88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
1500		91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1200		96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
1000		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
900		97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
800		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
700		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
600		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
500		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
400		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
300		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT
MONTH

16
HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING															
≥ 20000		38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
18000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
16000		63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
14000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
12000		67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
10000		70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
9000		76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
8000		78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
7000		79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
6000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
5000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
4500		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
4000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
3500		83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
3000		84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
2500		85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
2000		85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
1800		86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1500		88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
1200		92.3	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
1000		94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
900		94.2	95.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
800		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
700		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
600		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
500		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
400		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
300		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
200		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
100		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
0		94.8	96.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS

153

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS OCT MONTH 19 HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾
NO CEILING	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
≥ 20000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
18000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
16000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
14000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
12000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
10000	83.9	83.9	83.9	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
9000	85.8	85.8	85.8	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
8000	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
7000	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
6000	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
5000	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4500	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
4000	88.4	89.0	89.0	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
3500	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3000	92.9	94.2	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2500	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2000	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1800	92.9	94.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
1500	94.8	96.8	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1200	95.5	97.4	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
1000	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900	96.1	98.1	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
700	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
600	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
200	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
100	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	96.8	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 155

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

OCT
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)22
HOURS (L S T)

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 10
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
≥ 20000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
AI 18000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
AI 16000		64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
AI 14000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
AI 12000		70.3	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
AI 10000		78.7	79.4	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
AI 9000		80.7	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
AI 8000		81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 7000		81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 6000		81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 5000		81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 4500		81.9	82.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
AI 4000		82.6	83.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
AI 3500		84.5	85.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
AI 3000		86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 2500		86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 2000		86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 1800		86.5	87.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
AI 1500		86.5	87.1	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
AI 1200		91.6	93.6	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
AI 1000		94.2	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 900		94.2	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 800		94.2	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 700		94.2	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 600		94.2	96.1	98.7	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
AI 500		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 400		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 300		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 200		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
AI 100		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		94.2	96.1	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

135

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

259

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

NNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)													
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
≥ 20000		65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 18000		65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
≥ 16000		65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
≥ 14000		66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
≥ 12000		72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
≥ 10000		81.2	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 9000		82.6	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
≥ 8000		84.2	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 7000		84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 6000		84.7	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
≥ 5000		84.9	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
≥ 4500		85.2	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
≥ 4000		86.3	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
≥ 3500		86.9	87.2	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000		88.9	89.3	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 2500		89.1	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
≥ 2000		89.4	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 1800		89.6	90.1	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1500		91.4	92.1	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
≥ 1200		94.7	96.0	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 1000		96.2	97.6	98.2	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.8
≥ 900		96.3	97.7	98.3	98.5	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9
≥ 800		96.7	98.1	98.7	99.0	99.0	99.3	99.4	99.4	99.4	99.4	99.5	99.5	99.5
≥ 700		96.8	98.2	98.8	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.6
≥ 600		96.8	98.2	98.9	99.1	99.3	99.5	99.6	99.6	99.7	99.7	99.8	99.8	99.8
≥ 500		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 400		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9
≥ 300		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 200		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
≥ 100		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9
0		96.8	98.2	99.0	99.2	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS

1240

CEILING VERSUS VISIBILITY

NOV
MONTH

01
HOURS (L.S.T.)

YEARS

73-77

STATION NAME

AGANA, GUAM

41406
STATION

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING													≥ 0
≥ 20000													
≥ 18000													
≥ 16000													
≥ 14000													
≥ 12000													
≥ 10000													
≥ 9000													
≥ 8000													
≥ 7000													
≥ 6000													
≥ 5000													
≥ 4500													
≥ 4000													
≥ 3500													
≥ 3000													
≥ 2500													
≥ 2000													
≥ 1800													
≥ 1500													
≥ 1200													
≥ 1000													
≥ 900													
≥ 800													
≥ 700													
≥ 600													
≥ 500													
≥ 400													
≥ 300													
≥ 200													
≥ 100													
0													

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41400
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

04
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	
NO CEILING		64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
≥ 20000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
18000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
16000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
14000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
12000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
10000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
9000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
7000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
6000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
5000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
4500		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
4000		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3500		87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
3000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
2500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
2000		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1800		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1500		90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
1200		92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
1000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
900		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
800		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
700		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
400		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
100		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

07
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
AI 18000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 16000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
AI 14000		72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
AI 12000		73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
AI 10000		78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
AI 9000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
AI 8000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
AI 7000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 6000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 5000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 4500		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
AI 4000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 3500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
AI 3000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 2500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
AI 2000		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 1800		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
AI 1500		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
AI 1200		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
AI 1000		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 900		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 800		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 700		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 600		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 400		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 300		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 200		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 100		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
AI 0		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)10
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING		49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
≥ 20000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
18000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
16000		65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
14000		66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
12000		72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
10000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
9000		86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
8000		86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
7000		86.7	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
6000		87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
5000		87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
4500		87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
4000		87.3	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
3500		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
3000		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2500		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2000		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1800		88.0	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1500		90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1200		94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
1000		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
900		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
800		98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
700		98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		98.0	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

13
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 0
NO CEILING ≥ 20000		46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 18000		62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
≥ 16000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 14000		64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
≥ 12000		66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 10000		71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
≥ 9000		79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
≥ 8000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
≥ 7000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 6000		82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 5000		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4500		82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
≥ 4000		83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
≥ 3500		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 3000		84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
≥ 2500		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 2000		85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
≥ 1800		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
≥ 1500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200		95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1000		97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 900		97.3	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
≥ 800		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 600		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 500		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 400		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 300		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 200		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 100		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

71-77

YEARS

NOV
MONTHPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)16
HOURS (L.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING																
≥ 20000																
AI 18000																
AI 16000																
AI 14000																
AI 12000																
AI 10000																
AI 9000																
AI 8000																
AI 7000																
AI 6000																
AI 5000																
AI 4500																
AI 4000																
AI 3500																
AI 3000																
AI 2500																
AI 2000																
AI 1800																
AI 1500																
AI 1200																
AI 1000																
AI 900																
AI 800																
AI 700																
AI 600																
AI 500																
AI 400																
AI 300																
AI 200																
AI 100																
AI 0																

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

253

HMM

5703 CEILING VERSUS VISIBILITY JAN 68

1234-18766

HMM

CEILING VERSUS VISIBILITY

STATION 61406 AGANA, GUAM YEARS 73-77 MONTH NOV
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) HOURS (L.S.T.) 19

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
18000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
16000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
14000		76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
12000		77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
10000		80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
9000		86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
8000		88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
7000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
6000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
5000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
4000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
3500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
3000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2500		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
2000		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1800		91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1500		93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
1200		94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
1000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
900		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
800		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
700		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
600		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
500		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
400		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
300		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
200		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
100		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
0		96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 150

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

22
HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING		63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 20000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
18000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
16000		74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
14000		75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
12000		81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
10000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
9000		90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
8000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
7000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
6000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
5000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
4000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
3500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
3000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
2000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1800		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500		94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
1200		97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
1000		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
900		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
800		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
700		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
600		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
500		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
400		98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
300		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
200		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
100		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
0		98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7

TOTAL NUMBER OF OBSERVATIONS

150

NAVWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-77

YEARS

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (LST)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 0
NO CEILING												
≥ 20000	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 18000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
≥ 16000	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
≥ 14000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
≥ 12000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 10000	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
≥ 9000	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
≥ 8000	86.2	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
≥ 7000	87.8	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 6000	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
≥ 5000	88.0	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 4500	88.2	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
≥ 4000	88.3	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
≥ 3500	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
≥ 3000	89.0	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
≥ 2500	89.6	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 2000	89.7	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
≥ 1800	89.8	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
≥ 1500	92.3	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1200	94.8	95.5	95.9	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
≥ 1000	96.8	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 900	96.8	97.7	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800	97.0	98.2	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 700	97.0	98.2	99.0	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
≥ 600	97.0	98.3	99.2	99.5	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
≥ 500	97.0	98.3	99.3	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
≥ 400	97.0	98.4	99.3	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
≥ 300	97.1	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	97.1	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	97.1	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	97.1	98.5	99.4	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

1200

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-76 YEARS MONTH DEC 01 HOURS (L.S.T.)

249

MMH

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

CEILING (FEET)	VISIBILITY (STATUTE MILES)													≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼
NO CEILING		66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
≥ 20000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 18000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 16000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 14000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
AI 12000		83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
AI 10000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
AI 9000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
AI 8000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 7000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 6000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
AI 5000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 4500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 4000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 3500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 3000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 2500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
AI 2000		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 1800		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 1500		94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
AI 1200		96.0	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
AI 1000		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 900		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 800		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 700		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 600		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 500		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 400		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 300		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 200		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI 100		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
AI AI		96.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6

TOTAL NUMBER OF OBSERVATIONS 124

NAYWEASERVCOM

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC
MONTH04
HOURS (L.S.T.)PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)																
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0		
NO CEILING																	
≥ 20000		63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
18000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
16000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
14000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
12000		79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
10000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
9000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
8000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
7000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
6000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
5000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
4500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
4000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
3000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2500		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
2000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1800		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1200		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
900		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
800		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
700		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
500		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
300		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
100		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS

124

CEILING VERSUS VISIBILITY

73-76

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NAME

DEC

MONTH

07

HOURS (LST)

247

NNNN

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING FEET	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 10000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 18000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 14000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 12000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 10000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 8000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 7000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 6000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 5000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 4000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3500	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 3000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2500	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 2000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1800	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1500	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1200	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 1000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 900	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 800	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 700	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 600	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 500	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 400	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 300	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 200	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 100	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
≥ 0	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8

TOTAL NUMBER OF OBSERVATIONS

124

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

73-76

STATION NAME

YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

DEC

MONTH

10

HOURS (U.S.T.)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 0
NO CEILING		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
≥ 20000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 18000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 16000		75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
≥ 14000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 10000		84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 9000		87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 8000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 7000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 6000		87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
≥ 5000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000		88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 3000		91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
≥ 2500		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 2000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1800		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
≥ 1500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
≥ 1200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS

124

NAVWEASERVCOM

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

MMH

MMH

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-76 YEARS
 DEC MONTH 13 HOURS (L.S.T.)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 20000		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
18000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
16000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
14000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
12000		83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
10000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
9000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
8000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
7000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
6000		89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
5000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
4500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
4000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3500		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
3000		90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
2500		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
1800		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
1500		94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
1000		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
900		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
800		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
700		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
600		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
500		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
400		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
300		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
200		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
100		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
0		98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 124

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM 73-76 YEARS DEC MONTH 16 HOURS (LST)

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)										
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ 0
NO CEILING		53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 20000		76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
≥ 18000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 16000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 14000		77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
≥ 12000		80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
≥ 10000		86.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 9000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 8000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 7000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 6000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 5000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4500		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 4000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3500		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 3000		87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
≥ 2500		88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
≥ 2000		89.5	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
≥ 1800		91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 1500		96.8	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
≥ 1200		97.6	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1000		98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 900		98.4	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
≥ 800		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 124

CEILING VERSUS VISIBILITY

STATION AGANA, GUAM 73-76 YEARS DEC MONTH 19 HOURS (L.S.T.)
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/16
NO CEILING												
≥ 20000		62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
≥ 18000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 16000		78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
≥ 14000		79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000		86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 10000		91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
≥ 9000		92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
8000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
7000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
6000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
5000		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
4500		96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
4000		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3500		96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
3000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
2000		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1800		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1500		97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1200		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1000		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
900		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
800		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
700		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
600		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
500		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
400		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0		99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 124

CEILING VERSUS VISIBILITY

41406 STATION AGANA, GUAM 73-76 YEARS DEC MONTH 22 HOURS (L.S.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)											
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½
NO CEILING												
≥ 20000		56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
AI 18000		82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
AI 16000		82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
AI 14000		82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
AI 12000		85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
AI 10000		88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
AI 9000		91.1	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
AI 8000		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 7000		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 6000		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 5000		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 4500		91.9	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
AI 4000		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 3500		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 3000		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2500		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 2000		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 1800		92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
AI 1500		92.7	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	95.2	95.2
AI 1200		94.4	96.0	96.0	96.0	97.6	97.6	97.6	97.6	97.6	98.4	98.4
AI 1000		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 900		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 800		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 700		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 600		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 500		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 400		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 300		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 200		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
AI 100		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0		95.2	96.8	96.8	96.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 124

CEILING VERSUS VISIBILITY

41406
STATION

AGANA, GUAM

STATION NAME

73-76

YEARS

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

ALL
HOURS (L.S.)

241

NNNN

1234-18766

5703 CEILING VERSUS VISIBILITY JAN 68

NNNN

CEILING (FEET)	VISIBILITY (STATUTE MILES)												
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ ½	≥ 5/16
NO CEILING													
≥ 20000		59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 18000		78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
≥ 16000		78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
≥ 14000		78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
≥ 12000		79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
≥ 10000		83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
≥ 9000		88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
≥ 8000		89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
≥ 7000		90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
≥ 6000		90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 5000		90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
≥ 4500		91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
≥ 4000		91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
≥ 3500		91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
≥ 3000		91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2500		92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
≥ 2000		92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
≥ 1800		92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1500		93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
≥ 1200		95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
≥ 1000		97.6	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
≥ 900		97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 800		97.8	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
≥ 700		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 600		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 500		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 400		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 300		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 200		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 100		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
0		97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS

992

NAYWEASERVCOM

CEILING VERSUS VISIBILITY

STATION 41406 AGANA, GUAM STATION NAME 73-77 YEARS ALL MONTH ALL HOURS (LST.)

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY (STATUTE MILES)														≥ 0
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ ¾	≥ ½	≥ 5/16	≥ ¼	≥ 0	
NO CEILING		50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
≥ 20000		68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
18000		68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
16000		68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
14000		70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
12000		74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
10000		80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
9000		82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
8000		84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
7000		84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
6000		85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
5000		85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
4500		85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
4000		86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
3500		87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
3000		88.9	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
2500		89.5	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
2000		89.9	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
1800		90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1500		93.1	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
1200		96.1	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
1000		97.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
900		97.3	98.2	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
800		97.4	98.4	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
700		97.4	98.4	98.9	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
600		97.5	98.5	98.9	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500		97.5	98.5	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
400		97.5	98.5	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
300		97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
200		97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
100		97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
0		97.5	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 14322

SKY COVER

STATION
41406

AGANA, GUAM

STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE
STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE	STATION NAME	STATION NO.	STATION TYPE	STATION CLASS	STATION CODE

73.77

PERIOD

JAN
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	01	.6	2.6	12.3	9.7	11.0	12.9	6.5	6.5	5.2	5.2	27.7	6.1	155
	04	1.3	5.8	9.0	11.0	11.0	12.9	7.7	6.5	7.7	5.8	21.3	5.8	155
	07		1.3	3.2	9.0	6.5	11.0	5.2	15.5	7.7	12.3	28.4	7.1	155
	10		.6	4.5	5.8	9.7	11.0	4.5	11.0	12.3	8.4	32.3	7.2	155
	13			4.5	5.2	11.0	7.7	5.2	7.7	15.5	12.3	31.0	7.4	155
	16		1.9	1.9	6.5	9.0	13.5	6.5	12.3	11.0	14.2	23.2	7.0	155
	19		1.9	7.7	10.3	10.3	8.4	7.7	8.4	8.4	7.7	29.0	6.6	155
	22	.6	3.9	7.1	11.0	7.7	9.7	12.3	7.1	9.0	5.2	26.5	6.4	155
TOTALS		.3	2.3	6.3	8.6	9.5	10.9	7.0	9.4	9.6	8.9	27.4	6.7	1240

NAVWEASERVCOM

SKY COVER

STATION
41406

AGANA, GUAM

STATION NAME

73-77

PERIOD

MAR
MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
MAR	01		4.5	5.2	4.3	11.0	12.3	6.5	12.3	11.0	8.4	24.5	6.7	155
	04		4.5	3.9	7.7	7.1	14.8	7.1	11.6	9.7	9.0	24.5	6.7	155
	07		1.3	2.6	7.7	8.4	9.7	2.6	7.7	9.7	17.4	32.9	7.4	155
	10		1.3	2.6	8.4	8.4	5.2	8.4	7.7	11.0	16.8	27.7	7.3	155
	13		.6	1.9	7.1	6.5	14.8	11.6	3.2	11.6	17.4	25.2	7.2	155
	16	.6	1.3	1.3	10.3	4.5	11.0	5.8	5.2	20.0	13.5	26.5	7.3	155
	19	.6		4.5	7.1	8.4	7.7	5.2	6.5	17.4	10.3	32.3	7.3	155
	22		5.2	5.8	9.7	9.7	9.0	4.5	3.9	19.4	9.7	23.2	6.6	155
TOTALS		.2	2.3	3.5	7.8	7.6	11.0	6.4	7.7	13.7	12.8	27.1	7.1	1240

SKY COVER

STATION
41406

AGANA, GUAM

STATION NAME

73-77

PERIOD

APR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
APR	01		3.3	4.0	10.7	11.3	14.0	12.7	9.3	10.7	8.0	16.0	6.2	150
	04		.7	7.3	9.3	17.3	14.7	8.0	8.0	6.7	10.0	18.0	6.1	150
	07			4.0	8.7	8.7	12.7	8.0	12.7	14.0	10.7	20.7	6.8	150
	10		.7	3.3	6.7	12.0	14.0	12.7	4.7	15.3	11.3	19.3	6.7	150
	13	.7		2.0	8.0	12.0	14.7	7.3	12.7	14.7	10.7	17.3	6.7	150
	16		.7	3.3	8.7	12.7	17.3	9.3	11.3	10.7	9.3	16.7	6.4	150
	19		.7	2.0	9.3	13.3	12.0	9.3	12.0	13.3	11.3	16.7	6.6	150
	22		2.0	7.3	14.7	12.7	16.0	8.7	4.0	14.0	7.3	13.3	5.8	150
TOTALS		.1	1.0	4.2	9.5	12.5	14.4	9.5	9.3	12.4	9.8	17.3	6.4	1200

SKY COVER

MAY
MONTH73-77
PERIOD41406 AGANA, GUAM
STATION NAMEPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
MAY	01	3.9	1.9	4.5	11.0	13.5	14.2	8.4	7.1	12.3	5.2	18.1	5.9 155
	04	2.6	3.2	6.5	14.2	11.0	12.3	8.4	7.7	7.7	5.2	21.3	5.9 155
	07	.6	.6	5.2	12.9	9.7	12.3	5.8	9.7	9.7	12.3	21.3	6.5 155
	10	.6	.6	.6	7.7	9.0	18.1	9.0	13.5	11.0	11.6	18.7	6.8 155
	13				5.8	12.3	20.0	7.7	11.6	9.0	12.9	20.6	6.9 155
	16			1.9	7.1	11.6	16.1	7.1	9.0	15.5	8.4	23.2	6.9 155
	19		.6	3.2	7.7	7.1	14.8	9.0	12.3	12.9	9.7	22.6	6.9 155
	22	.6	2.6	5.2	14.2	9.0	11.6	8.4	12.3	11.6	4.5	20.0	6.2 155
TOTALS		1.0	1.2	3.4	10.1	10.4	14.9	8.0	10.4	11.2	8.7	20.7	6.5 1240

5704 SKY COVER JAN 68

41406
STATION

AGANA, GUAM

STATION NAME

73-77

PERIOD

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	01	.7	3.3	5.3	12.7	10.0	16.0	9.3	7.3	9.3	7.3	18.7	6.1	150
	04	.7		2.7	10.7	14.0	10.7	10.7	7.3	9.3	7.3	20.7	6.2	150
	07		.7	1.3	7.3	10.0	13.3	6.7	11.3	14.0	11.3	24.0	7.1	150
	10				5.3	7.3	16.7	7.3	14.7	14.7	16.7	17.3	7.2	150
	13			2.0	6.0	7.3	13.3	6.7	9.3	18.7	14.7	22.0	7.2	150
	16		.7	2.7	6.7	6.7	11.3	7.3	6.0	20.7	13.3	24.7	7.3	150
	19			3.3	10.7	6.0	10.7	8.0	8.0	14.0	11.3	28.0	7.1	150
	22	.7	.7	5.3	16.7	6.7	12.7	12.0	8.7	7.3	4.7	22.7	6.2	150
TOTALS		.3	.7	3.6	9.5	8.8	13.1	8.5	9.1	13.5	10.8	22.3	6.8	1200

AD-A060 606

NAVAL WEATHER SERVICE DETACHMENT /SHEVILLE N C
SUMMARY OF METEOROLOGICAL OBSERVATIONS, SURFACE (SMOS) AGANA, G--ETC(U)
JUN 78

F/G 4/2

UNCLASSIFIED

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4 OF 4

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END
DATE
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SKY COVER

AUG
MONTH

PERIOD

73-77

STATION NAME

AGANA, GUAM

41406
STATIONPERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10	
AUG	01			1.3	4.5	4.5	7.7	9.0	7.7	7.1	10.3	47.7	8.1 155
	04			3.9	6.5	6.5	8.4	4.5	9.0	13.5	8.4	39.4	7.6 155
	07		.6	1.9	3.9	2.6	4.5	7.7	7.1	12.3	7.1	52.3	8.3 155
	10				1.9	2.6	11.0	2.6	8.4	16.1	13.5	43.9	8.3 155
	13				1.3	2.6	7.1	2.6	7.7	14.8	15.5	48.4	8.6 155
	16				1.3	4.5	3.9	6.5	5.2	10.3	14.2	54.2	8.7 155
	19				1.9	1.9	3.9	1.3	8.4	12.3	9.0	61.3	8.9 155
	22	.6		1.3	3.2	4.5	9.7	2.6	8.4	6.5	8.4	54.8	8.3 155
TOTALS		.1	.1	1.1	3.1	3.7	7.0	4.6	7.7	11.6	10.8	50.3	8.4 1240

SKY COVER

5704 SKY COVER JAN 68

41406
STATION

AGANA, GUAM

STATION NAME

73-77

PERIOD

OCT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
OCT	01			5.2	7.7	9.0	13.5	10.3	6.5	9.7	7.7	30.3	6.9	155
	04	.6	1.3	5.2	8.4	7.1	11.6	11.6	10.3	10.3	8.4	25.2	6.7	155
	07			3.2	5.8	5.2	11.0	5.2	7.1	18.1	10.3	34.2	7.6	155
	10			.6	4.5	7.1	11.6	5.2	9.7	14.2	18.1	29.0	7.7	155
	13				7.1	2.6	13.5	4.5	12.3	13.5	12.3	34.2	7.7	155
	16			.6	3.9	7.1	14.2	5.8	8.4	10.3	11.6	38.1	7.7	155
	19			1.3	4.5	9.7	6.5	7.7	11.0	10.3	9.7	39.4	7.7	155
	22			1.9	6.5	10.3	5.2	9.0	14.2	5.8	9.7	37.4	7.5	155
TOTALS		.1	.2	2.3	6.1	7.3	10.9	7.4	9.9	11.5	11.0	33.5	7.4	1260

NAVWEASERVCOM

SKY COVER

41406	AGANA, GUAM	73-77	NOV
STATION	STATION NAME	PERIOD	MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
NOV	01			4.0	11.3	11.3	12.7	8.0	13.3	11.3	6.7	21.3	6.6	150
	04	1.3	2.7	4.7	10.0	11.3	13.3	6.7	13.3	10.0	6.0	20.7	6.3	150
	07		2.0	4.0	10.0	3.3	12.7	4.7	12.7	16.0	7.3	27.3	7.0	150
	10			1.3	8.0	8.0	17.3	6.7	10.0	18.0	11.3	19.3	6.9	150
	13			1.3	3.3	6.7	24.0	10.7	13.3	12.0	8.0	20.7	6.9	150
	16			2.7	5.3	11.3	19.3	5.3	14.7	11.3	7.3	22.7	6.8	150
	19		1.3	1.3	8.7	9.3	18.0	10.7	11.3	7.3	6.0	26.0	6.7	150
	22			4.0	10.0	12.7	12.7	12.7	6.7	13.3	4.7	23.3	6.6	150
TOTALS		2	8	2.9	8.3	9.2	16.3	8.2	11.9	12.4	7.2	22.7	6.7	1200

41406
STATION

AGANA, GUAM

STATION NAME

73-76

PERIOD

DEC
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DEC	01	.8	.8	5.6	12.1	14.5	13.7	11.3	14.5	11.3	3.2	12.1	5.8	124
	04		.8	8.9	11.3	11.3	16.1	8.1	12.9	6.5	5.6	18.5	6.0	124
	07		.8	1.6	11.3	12.1	14.5	10.5	8.1	9.7	13.7	17.7	6.6	124
	10		.8	2.4	8.9	10.5	17.7	8.1	16.9	10.5	7.3	16.9	6.5	124
	13	.5		3.2	7.3	15.3	12.9	8.1	10.5	13.7	9.7	18.5	6.6	124
	16			.8	10.5	10.5	16.1	10.5	13.7	12.9	9.7	15.3	6.6	124
	19			4.8	12.1	9.7	12.9	9.7	12.9	12.1	8.1	17.7	6.4	124
	22	.8	.8	1.6	8.9	6.5	16.1	20.2	11.3	15.3	5.6	12.9	6.4	124
TOTALS		3	.5	2.6	10.2	11.3	18.0	10.8	12.6	11.5	7.9	16.2	6.4	992

SKY COVER

5704 SKY COVER JAN 68

ALL
MONTH

73-77

AGANA, GUAM

STATION NAME

PERIOD

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	.3	2.3	6.3	8.6	9.5	10.9	7.0	9.4	9.6	8.9	27.4	6.7	1240
FEB		.4	1.1	3.0	8.9	9.3	10.9	7.5	11.3	13.0	8.9	25.8	6.9	1128
MAR		.2	2.3	3.5	7.8	7.6	11.0	6.6	7.7	13.7	12.8	27.1	7.1	1240
APR		.1	1.0	4.2	9.5	12.5	14.4	9.5	9.3	12.4	9.8	17.3	6.4	1200
MAY		1.0	1.2	3.4	10.1	10.4	14.9	8.0	10.4	11.2	8.7	20.7	6.5	1240
JUN		.3	.7	3.6	9.5	8.8	13.1	8.5	9.1	13.5	10.8	22.3	6.8	1200
JUL			.1	1.5	4.4	5.3	10.1	5.5	9.3	14.9	12.6	36.4	7.8	1240
AUG		.1	.1	1.1	3.1	3.7	7.0	4.6	7.7	11.6	10.8	50.3	8.4	1240
SEP			.4	.8	2.3	5.5	8.5	5.3	8.5	16.2	12.2	40.4	8.1	1192
OCT		.1	.2	2.3	6.1	7.3	10.9	7.4	9.9	11.5	11.0	33.5	7.4	1240
NOV		.2	.8	2.9	8.3	9.2	16.3	8.2	11.9	12.4	7.2	22.7	6.7	1200
DEC		.3	.5	3.6	10.3	11.3	15.0	10.8	12.6	11.5	7.9	16.2	6.4	992
TOTALS		.3	.9	3.0	7.4	8.4	11.9	7.4	9.8	12.6	10.1	28.3	7.1	14352

NAVWEASERVCOM

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:
 - a. Daily maximum temperature
 - b. Daily minimum temperature
 - c. Daily mean temperature
2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:
 - a. Extreme maximum temperature
 - b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.
3. Bivariate percentage frequency distribution and computations of dry-bulb and wet-bulb temperatures - This tabulation is derived from 3-hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:
 - a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the total no. of observations with dry-bulb and wet-bulb temperatures combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.

c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:

- a. Dry-bulb temperature
- b. Wet-bulb temperature
- c. Dew-point temperature

5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.

a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.

b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

6. Percentage frequency of occurrence of dry-bulb temperature versus wind direction - This tabulation is derived from hourly observations and is presented by month and annual, all hours and years combined. The main body of the summary consists of dry bulb temperatures spread vertically in four degree increments and horizontally by eight wind directions (plus calm).

2

YEARS

STATION NAME

	CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM DAILY OBSERVATIONS)	MINIMUM
1	100	100
2	90	90
3	80	80
4	70	70
5	60	60
6	50	50
7	40	40
8	30	30
9	20	20
10	10	10
11	0	0

MINIMUM

[illegible]

NAVWEASERVCOM

STATION NAME

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM DAILY OBSERVATIONS)

Z
A
W
E[illegible]

NAVWEASERVCOM

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1973

41406
STATION

AGANA, GUAM

STATION NAME

1946-1946 1948-1977

YEARS

JANUARY

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		EXTREME		DATE		MINIMUM TEMP		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C				
1	79.9	26.6	84.3	29.1	90	32.2	1971	75.6	24.2	70	21.1	1973	75.6	24.2	70	21.1	1973			
2	80.6	27.0	85.1	29.5	90	32.2	1971	76.2	24.6	74	23.3	1965*	76.2	24.6	74	23.3	1965*			
3	79.9	26.6	84.5	29.2	88	31.1	1971	75.3	24.1	72	22.2	1965	75.3	24.1	72	22.2	1965			
4	79.9	26.6	84.6	29.2	88	31.1	1971	75.2	24.0	72	22.2	1952	75.2	24.0	72	22.2	1952			
5	79.8	26.6	84.5	29.2	88	31.1	1971*	75.0	23.9	70	21.1	1963	75.0	23.9	70	21.1	1963			
6	80.0	26.7	84.5	29.2	88	31.1	1966*	75.5	24.2	73	22.8	1969*	75.5	24.2	73	22.8	1969*			
7	80.0	26.7	84.7	29.3	88	31.1	1966	75.2	24.0	69	20.6	1966	75.2	24.0	69	20.6	1966			
8	80.0	26.7	84.6	29.2	88	31.1	1972*	75.4	24.1	71	21.7	1973*	75.4	24.1	71	21.7	1973*			
9	79.7	26.5	84.0	28.9	88	31.1	1972*	75.4	24.1	71	21.7	1963*	75.4	24.1	71	21.7	1963*			
10	79.6	26.4	84.2	29.0	87	30.6	1972*	74.9	23.8	70	21.1	1973*	74.9	23.8	70	21.1	1973*			
11	79.7	26.5	84.2	29.0	89	31.7	1972	75.3	24.1	70	21.1	1973	75.3	24.1	70	21.1	1973			
12	79.5	26.4	83.9	28.8	89	31.7	1972	75.1	23.9	71	21.7	1973	75.1	23.9	71	21.7	1973			
13	79.6	26.4	84.1	28.9	88	31.1	1972	75.0	23.9	68	20.0	1973	75.0	23.9	68	20.0	1973			
14	79.4	26.3	83.8	28.8	88	31.1	1972	74.9	23.8	71	21.7	1973*	74.9	23.8	71	21.7	1973*			
15	79.3	26.3	83.9	28.8	87	30.6	1972*	74.7	23.7	70	21.1	1973	74.7	23.7	70	21.1	1973			
16	79.4	26.3	83.9	28.8	89	31.7	1972	75.0	23.9	70	21.1	1973*	75.0	23.9	70	21.1	1973*			
17	79.6	26.4	84.5	29.2	90	32.2	1964	74.7	23.7	69	20.6	1973	74.7	23.7	69	20.6	1973			
18	79.3	26.3	83.9	28.8	89	31.7	1972*	74.7	23.7	70	21.1	1973	74.7	23.7	70	21.1	1973			
19	79.3	26.3	83.9	28.8	88	31.1	1976*	74.7	23.7	70	21.1	1973	74.7	23.7	70	21.1	1973			
20	79.4	26.3	84.2	29.0	89	31.7	1972	74.6	23.7	71	21.7	1973	74.6	23.7	71	21.7	1973			
21	79.5	26.4	84.4	29.1	89	31.7	1972*	74.7	23.7	68	20.0	1973	74.7	23.7	68	20.0	1973			
22	79.7	26.5	84.1	28.9	89	31.7	1972*	75.3	24.1	71	21.7	1973	75.3	24.1	71	21.7	1973			
23	79.2	26.2	83.6	28.7	89	31.7	1972	74.8	23.8	68	20.0	1973	74.8	23.8	68	20.0	1973			
24	79.5	26.4	84.2	29.0	89	31.7	1972*	74.8	23.8	68	20.0	1973	74.8	23.8	68	20.0	1973			
25	79.2	26.2	84.1	28.9	89	31.7	1973	74.3	23.5	70	21.1	1973*	74.3	23.5	70	21.1	1973*			
26	79.7	26.5	84.5	29.2	89	31.7	1972*	74.9	23.8	72	22.2	1973*	74.9	23.8	72	22.2	1973*			
27	79.9	26.6	84.5	29.2	89	31.7	1964	75.2	24.0	70	21.1	1973	75.2	24.0	70	21.1	1973			
28	79.5	26.4	84.3	29.1	89	31.7	1972	74.7	23.7	68	20.0	1973	74.7	23.7	68	20.0	1973			
29	79.0	26.1	84.0	28.9	89	31.7	1972	74.0	23.3	67	19.4	1973	74.0	23.3	67	19.4	1973			
30	79.2	26.2	83.8	28.8	88	31.1	1972*	74.6	23.7	70	21.1	1950	74.6	23.7	70	21.1	1950			
31	79.5	26.4	84.4	29.1	88	31.1	1966*	74.7	23.7	70	21.1	1969	74.7	23.7	70	21.1	1969			
Monthly	79.6	26.4	84.2	29.0	90	32.2	1971*	75.0	23.9	67	19.4	1973	75.0	23.9	67	19.4	1973			

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 41406 AGANA, GUAM STATION NAME 1946-1946 1946-1977 YEARS MONTH FEBRUARY

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	79.5	26.4	84.3	29.1	88	31.1	88	31.1	1970*	1970*	74.8	23.8	70	21.1	70	21.1	1968	1968
2	79.5	26.4	84.4	29.1	88	31.1	88	31.1	1972*	1972*	74.7	23.7	70	21.1	70	21.1	1950	1950
3	79.1	26.2	83.8	28.8	88	31.1	88	31.1	1972	1972	74.4	23.6	69	20.0	69	20.0	1973	1973
4	79.4	26.3	84.1	28.9	88	31.1	88	31.1	1972*	1972*	74.6	23.7	71	21.7	71	21.7	1973	1973
5	79.3	26.3	84.2	29.0	88	31.1	88	31.1	1972	1972	74.3	23.5	70	21.1	70	21.1	1973	1973
6	79.2	26.2	84.5	29.2	88	31.1	88	31.1	1970*	1970*	73.9	23.3	70	21.1	70	21.1	1969*	1969*
7	79.1	26.2	84.0	28.9	88	31.1	88	31.1	1966	1966	74.1	23.4	70	21.1	70	21.1	1973*	1973*
8	78.7	25.9	83.7	28.7	88	31.1	88	31.1	1966	1966	73.6	23.1	69	18.3	69	18.3	1973	1973
9	79.0	26.1	83.6	28.7	89	31.7	89	31.7	1972	1972	74.4	23.6	69	20.0	69	20.0	1969	1969
10	79.4	26.3	84.3	29.1	90	32.2	90	32.2	1972	1972	74.4	23.6	68	20.0	68	20.0	1969	1969
11	79.3	26.3	84.3	29.1	87	30.6	87	30.6	1972*	1972*	74.3	23.5	70	21.1	70	21.1	1953	1953
12	79.3	26.3	84.4	29.1	87	30.6	87	30.6	1967*	1967*	74.3	23.5	71	21.7	71	21.7	1959	1959
13	79.5	26.4	84.5	29.2	91	32.8	91	32.8	1946	1946	74.4	23.6	72	22.2	72	22.2	1968*	1968*
14	79.6	26.4	84.5	29.2	93	33.9	93	33.9	1946	1946	74.6	23.7	70	21.1	70	21.1	1969	1969
15	79.4	26.3	84.1	28.9	88	31.1	88	31.1	1966	1966	74.7	23.7	68	20.0	68	20.0	1966	1966
16	80.0	26.7	85.1	29.5	90	32.2	90	32.2	1946	1946	74.8	23.8	72	22.2	72	22.2	1950	1950
17	79.6	26.4	84.9	29.4	89	31.7	89	31.7	1946	1946	74.4	23.6	69	20.6	69	20.6	1969	1969
18	79.8	26.6	84.8	29.3	93	33.9	93	33.9	1946	1946	74.8	23.8	70	21.1	70	21.1	1966	1966
19	79.7	26.5	84.8	29.3	89	31.7	89	31.7	1966	1966	74.7	23.7	70	21.1	70	21.1	1966	1966
20	79.8	26.6	84.9	29.4	89	31.7	89	31.7	1946	1946	74.7	23.7	71	21.7	71	21.7	1950	1950
21	79.9	26.6	84.9	29.4	93	33.9	93	33.9	1946	1946	74.9	23.8	71	21.7	71	21.7	1969	1969
22	79.5	26.4	84.3	29.1	91	32.8	91	32.8	1946	1946	74.6	23.7	70	21.1	70	21.1	1969*	1969*
23	79.5	26.4	84.4	29.1	88	31.1	88	31.1	1972	1972	74.5	23.6	71	21.7	71	21.7	1969*	1969*
24	79.6	26.4	84.7	29.3	89	31.7	89	31.7	1946	1946	74.5	23.6	70	21.1	70	21.1	1966	1966
25	79.8	26.6	84.9	29.4	89	31.7	89	31.7	1946	1946	74.7	23.7	71	21.7	71	21.7	1973	1973
26	80.0	26.7	85.2	29.6	92	33.3	92	33.3	1946	1946	74.8	23.8	71	21.7	71	21.7	1967	1967
27	79.7	26.5	84.9	29.4	89	31.7	89	31.7	1967	1967	74.5	23.6	70	21.1	70	21.1	1950	1950
28	79.9	26.6	85.2	29.6	89	31.7	89	31.7	1972*	1972*	74.7	23.7	70	21.1	70	21.1	1973*	1973*
29	79.9	26.6	85.0	29.4	90	32.2	90	32.2	1972	1972	74.7	23.7	70	21.1	70	21.1	1964	1964
30																		
31																		
Monthly	79.5	26.4	84.5	29.2	93	33.9	93	33.9	1946	1946	74.5	23.6	69	18.3	69	18.3	1973	1973

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 41406 AGANA, GUAM STATION NAME 1946-1946 1948-1977 YEARS MONTH MARCH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	79.5	26.4	84.7	29.3	88	31.1	69	20.6	1966
2	79.9	26.6	85.2	29.6	88	31.1	70	21.1	1973*
3	79.7	26.5	84.9	29.4	89	31.7	68	20.0	1969
4	79.8	26.6	85.1	29.5	89	31.7	67	19.4	1973
5	79.9	26.6	85.1	29.5	89	31.7	71	21.7	1973*
6	79.8	26.6	84.9	29.4	89	31.7	68	20.0	1966
7	79.9	26.6	85.0	29.4	90	32.2	72	22.2	1967*
8	79.7	26.5	85.1	29.5	90	32.2	70	21.1	1967*
9	79.6	26.4	84.7	29.3	88	31.1	68	20.0	1967
10	80.0	26.7	85.0	29.4	88	31.1	72	22.2	1953*
11	79.7	26.5	84.6	29.2	87	30.6	71	21.7	1965
12	79.9	26.6	84.7	29.3	88	31.1	70	21.1	1964
13	79.7	26.5	84.6	29.2	88	31.1	67	19.4	1965
14	79.7	26.5	84.8	29.3	88	31.1	66	18.9	1965
15	79.9	26.6	85.0	29.4	88	31.1	69	20.6	1965
16	79.7	26.5	84.8	29.3	88	31.1	72	22.2	1965*
17	79.9	26.6	85.0	29.4	90	32.2	69	20.6	1966
18	80.1	26.7	85.4	29.7	89	31.7	71	21.7	1965
19	80.0	26.7	85.3	29.6	89	31.7	70	21.1	1964
20	79.9	26.6	85.3	29.6	89	31.7	71	21.7	1974*
21	79.9	26.6	85.2	29.6	90	32.2	72	22.2	1965*
22	80.2	26.8	85.7	29.8	89	31.7	70	21.1	1966
23	80.0	26.7	85.4	29.7	90	32.2	71	21.7	1964
24	80.1	26.7	85.4	29.7	91	32.8	72	22.2	1964*
25	80.1	26.7	85.4	29.7	89	31.7	70	21.1	1963
26	80.4	26.9	85.7	29.8	89	31.7	72	22.2	1973*
27	80.4	26.9	85.7	29.8	89	31.7	70	21.1	1966
28	80.7	27.1	86.0	30.0	92	33.3	73	22.8	1950
29	80.7	27.1	85.7	29.8	93	33.9	73	22.8	1969*
30	80.6	27.0	85.8	29.9	92	33.3	71	21.7	1950
31	80.6	27.0	85.8	29.9	92	33.3	71	21.7	1966
Monthly	80.0	26.7	85.2	29.6	93	33.9	66	18.9	1965

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

STATION 41406 AGANA, GUAM STATION NAME 1946-1946 1948-1977 YEARS MONTH APRIL

DAY	MEAN TEMP		MAXIMUM TEMP			MINIMUM TEMP			DATE
	AVERAGE ° F	AVERAGE ° C	AVERAGE ° F	EXTREME ° F	EXTREME ° C	AVERAGE ° F	EXTREME ° F	EXTREME ° C	
1	80.8	27.1	85.9	29.9	32.2	75.8	71	21.7	1965
2	80.7	27.1	85.7	29.8	32.8	75.8	73	22.8	1964*
3	80.9	27.2	85.8	29.9	32.8	76.0	72	22.2	1964
4	80.7	27.1	85.9	29.9	32.2	75.6	74	23.3	1976*
5	80.6	27.1	86.0	30.0	32.8	75.5	70	21.1	1965
6	80.7	27.1	86.0	30.0	33.3	75.4	68	20.0	1965
7	80.8	27.1	86.0	30.0	32.2	75.7	71	21.7	1965
8	80.6	27.0	85.7	29.8	31.7	75.5	72	22.2	1965*
9	80.0	26.7	85.1	29.5	30.6	75.0	71	21.7	1950
10	80.7	27.1	85.6	29.8	31.7	75.8	72	22.2	1965
11	80.5	26.9	85.5	29.7	31.7	75.6	72	22.2	1953
12	80.8	27.1	85.8	29.9	31.7	75.8	73	22.8	1967*
13	81.2	27.3	86.1	30.1	33.3	76.3	73	22.8	1950
14	81.0	27.2	86.1	30.1	32.8	76.0	72	22.2	1950*
15	80.9	27.2	85.9	29.9	32.8	75.8	73	22.8	1951
16	80.8	27.1	85.7	29.8	35.0	75.9	72	22.2	1967
17	80.5	26.9	85.3	29.6	31.7	75.7	72	22.2	1951
18	81.0	27.2	85.9	29.9	35.6	76.2	74	23.3	1968*
19	81.0	27.2	85.6	29.8	32.2	76.3	73	22.8	1952
20	80.8	27.1	85.9	29.9	32.2	75.8	72	22.2	1972
21	81.1	27.3	86.2	30.1	32.2	76.1	71	21.7	1972
22	81.3	27.4	86.3	30.2	32.2	76.4	71	21.7	1965
23	81.2	27.3	86.0	30.0	32.8	76.4	72	22.2	1972
24	81.3	27.4	86.3	30.2	33.9	76.4	73	22.8	1959
25	81.2	27.3	86.1	30.1	32.8	76.3	74	23.3	1962*
26	81.0	27.2	85.9	29.9	31.7	76.0	74	23.3	1972*
27	81.1	27.3	85.9	29.9	31.7	76.4	72	22.2	1969
28	80.8	27.1	85.7	29.8	31.7	75.9	72	22.2	1963*
29	81.0	27.2	85.7	29.8	31.7	76.3	73	22.8	1972
30	80.9	27.2	85.8	29.9	31.7	76.0	72	22.2	1951
31									
Monthly	80.9	27.2	85.8	29.9	35.6	75.9	68	20.0	1965

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

STATION

STATION NAME

1946-1977

YEARS

MAY

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	80.7	27.1	85.3	29.7	89	31.7	89	31.7	1966	1966	76.0	24.4	72	22.2	72	22.2	1950	1950
2	80.8	27.1	85.5	29.7	90	32.2	90	32.2	1970	1970	76.2	24.6	74	23.3	74	23.3	1971*	1971*
3	80.8	27.1	85.6	29.8	90	32.2	90	32.2	1970	1970	76.0	24.4	71	21.7	71	21.7	1964	1964
4	80.8	27.1	85.7	29.8	89	31.7	89	31.7	1970*	1970*	75.8	24.3	73	22.8	73	22.8	1968*	1968*
5	81.1	27.3	85.9	29.9	89	31.7	89	31.7	1966	1966	76.2	24.6	73	22.8	73	22.8	1972*	1972*
6	81.0	27.2	85.9	29.9	89	31.7	89	31.7	1967	1967	76.1	24.5	71	21.7	71	21.7	1972	1972
7	80.8	27.1	85.7	29.8	89	31.7	89	31.7	1967	1967	75.8	24.3	72	22.2	72	22.2	1952	1952
8	81.0	27.2	85.8	29.9	89	31.7	89	31.7	1970*	1970*	75.3	24.6	73	22.8	73	22.8	1968*	1968*
9	80.9	27.2	86.1	30.1	89	31.7	89	31.7	1970*	1970*	75.7	24.3	72	22.2	72	22.2	1972	1972
10	81.1	27.3	86.0	30.0	89	31.7	89	31.7	1970*	1970*	76.2	24.6	71	21.7	71	21.7	1972	1972
11	81.3	27.4	86.2	30.1	90	32.2	90	32.2	1970	1970	76.4	24.7	72	22.2	72	22.2	1972*	1972*
12	81.5	27.5	86.3	30.2	90	32.2	90	32.2	1970	1970	76.6	24.8	71	21.7	71	21.7	1972	1972
13	81.5	27.5	86.1	30.1	88	31.1	88	31.1	1975*	1975*	76.8	24.9	74	23.3	74	23.3	1951*	1951*
14	81.4	27.4	86.3	30.2	93	33.9	93	33.9	1970	1970	76.5	24.7	74	23.3	74	23.3	1968*	1968*
15	81.4	27.4	86.4	30.2	92	33.3	92	33.3	1970	1970	76.4	24.7	74	23.3	74	23.3	1949*	1949*
16	81.5	27.5	86.2	30.1	91	32.8	91	32.8	1970	1970	76.7	24.8	74	23.3	74	23.3	1972*	1972*
17	81.4	27.4	86.2	30.1	90	32.2	90	32.2	1970	1970	76.7	24.8	72	22.2	72	22.2	1966	1966
18	81.0	27.2	85.8	29.9	89	31.7	89	31.7	1969	1969	76.3	24.6	74	23.3	74	23.3	1967*	1967*
19	81.3	27.4	86.3	30.2	88	31.1	88	31.1	1970*	1970*	76.4	24.7	74	23.3	74	23.3	1967*	1967*
20	81.2	27.3	85.9	29.9	90	32.2	90	32.2	1970	1970	76.5	24.7	73	22.8	73	22.8	1965	1965
21	81.3	27.4	86.0	30.0	92	33.3	92	33.3	1971	1971	76.6	24.8	74	23.3	74	23.3	1951	1951
22	81.4	27.4	86.5	30.3	90	32.2	90	32.2	1969	1969	76.3	24.6	73	22.8	73	22.8	1972	1972
23	81.5	27.5	86.6	30.3	91	32.8	91	32.8	1966	1966	76.4	24.7	70	21.1	70	21.1	1951	1951
24	81.7	27.6	86.6	30.3	90	32.2	90	32.2	1969	1969	76.8	24.9	73	22.8	73	22.8	1972	1972
25	81.7	27.6	86.3	30.2	92	33.3	92	33.3	1969	1969	77.1	25.1	74	23.3	74	23.3	1964*	1964*
26	81.9	27.7	86.5	30.3	90	32.2	90	32.2	1970*	1970*	77.2	25.1	74	23.3	74	23.3	1963	1963
27	81.9	27.7	86.6	30.3	91	32.8	91	32.8	1969*	1969*	77.3	25.2	74	23.3	74	23.3	1967*	1967*
28	81.9	27.7	86.5	30.3	91	32.8	91	32.8	1966	1966	77.3	25.2	74	23.3	74	23.3	1967*	1967*
29	81.6	27.6	86.5	30.3	91	32.8	91	32.8	1970*	1970*	76.7	24.8	74	23.3	74	23.3	1972*	1972*
30	81.3	27.4	86.4	30.2	94	34.4	94	34.4	1971	1971	76.3	24.6	73	22.8	73	22.8	1968*	1968*
31	81.7	27.6	86.6	30.3	91	32.8	91	32.8	1969	1969	76.9	24.9	74	23.3	74	23.3	1963*	1963*
Monthly	81.3	27.4	86.1	30.1	94	34.4	94	34.4	1971	1971	76.5	24.7	70	21.1	70	21.1	1951	1951

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

STATION

STATION NAME

1946-1977

YEARS

JUNE

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		EXTREME		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.7	27.6	86.7	30.4	91	32.8	1969*	32.8	76.7	24.8	73	22.8	73	22.8	1961
2	81.9	27.7	87.0	30.6	92	33.3	1964*	33.3	76.8	24.9	73	22.8	73	22.8	1973
3	82.0	27.8	86.9	30.5	91	32.8	1969*	32.8	77.0	25.0	74	23.3	74	23.3	1968*
4	81.5	27.5	86.4	30.2	91	32.8	1969*	32.8	76.6	24.8	71	21.7	71	21.7	1962
5	81.7	27.6	86.5	30.3	91	32.8	1964	32.8	76.8	24.9	72	22.2	72	22.2	1965
6	81.6	27.6	86.7	30.4	92	33.3	1947	33.3	76.5	24.7	73	22.8	73	22.8	1972*
7	81.7	27.6	86.8	30.4	91	32.8	1964	32.8	76.7	24.8	73	22.8	73	22.8	1972*
8	81.6	27.6	86.5	30.3	91	32.8	1966*	32.8	76.7	24.8	74	23.3	74	23.3	1972*
9	81.5	27.5	86.5	30.3	92	33.3	1970	33.3	76.5	24.7	73	22.8	73	22.8	1972*
10	81.8	27.7	86.6	30.3	92	33.3	1964	33.3	77.0	25.0	74	23.3	74	23.3	1972*
11	82.1	27.8	87.1	30.6	91	32.8	1966*	32.8	77.0	25.0	70	21.1	70	21.1	1949
12	81.9	27.7	86.7	30.4	91	32.8	1964	32.8	77.1	25.1	70	21.1	70	21.1	1949
13	82.0	27.8	86.8	30.4	92	33.3	1964	33.3	77.3	25.2	74	23.3	74	23.3	1967*
14	82.0	27.8	86.9	30.5	91	32.8	1964	32.8	77.1	25.1	70	21.1	70	21.1	1958
15	81.9	27.7	86.9	30.5	91	32.8	1966*	32.8	76.9	24.9	73	22.8	73	22.8	1952
16	82.4	28.0	87.6	30.9	94	34.4	1963	34.4	77.1	25.1	72	22.2	72	22.2	1967
17	82.1	27.8	87.3	30.7	92	33.3	1964	33.3	76.9	24.9	74	23.3	74	23.3	1967*
18	82.2	27.9	87.3	30.7	93	33.9	1966	33.9	77.2	25.1	72	22.2	72	22.2	1967
19	82.1	27.8	87.1	30.6	93	33.9	1969	33.9	77.1	25.1	73	22.8	73	22.8	1972*
20	82.0	27.8	86.9	30.5	92	33.3	1969	33.3	77.0	25.0	74	23.3	74	23.3	1950
21	82.1	27.8	87.1	30.6	92	33.3	1974	33.3	77.1	25.1	73	22.8	73	22.8	1967*
22	81.7	27.6	86.3	30.2	91	32.8	1969	32.8	77.1	25.1	70	21.1	70	21.1	1966
23	81.7	27.6	86.6	30.3	91	32.8	1969	32.8	76.7	24.8	72	22.2	72	22.2	1967
24	81.8	27.7	86.8	30.4	91	32.8	1969	32.8	76.9	24.9	74	23.3	74	23.3	1967*
25	81.4	27.4	86.1	30.1	92	33.3	1969	33.3	76.7	24.8	71	21.7	71	21.7	1968
26	81.3	27.4	86.2	30.1	91	32.8	1969	32.8	76.5	24.7	72	22.2	72	22.2	1956
27	81.8	27.7	86.8	30.4	94	34.4	1974	34.4	76.7	24.8	74	23.3	74	23.3	1962*
28	81.4	27.4	86.2	30.1	94	34.4	1969	34.4	76.5	24.7	72	22.2	72	22.2	1947
29	81.7	27.6	86.6	30.3	94	34.4	1969	34.4	76.9	24.9	71	21.7	71	21.7	1947
30	82.0	27.8	86.8	30.4	95	35.0	1969	35.0	77.1	25.1	72	22.2	72	22.2	1952
31															
Monthly	81.8	27.7	86.8	30.4	95	35.0	1969	35.0	76.9	24.9	70	21.1	70	21.1	1966*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

1946-1977

JULY

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.6	27.6	86.5	30.3	93	33.9	93	33.9	76.8	24.9	73	22.8	1967
2	81.6	27.6	86.5	30.3	94	34.4	94	34.4	76.7	24.8	72	22.2	1967*
3	81.5	27.5	86.2	30.1	91	32.8	91	32.8	76.8	24.9	71	21.7	1967
4	81.4	27.4	86.2	30.1	90	32.2	90	32.2	76.5	24.7	72	22.2	1951
5	81.4	27.4	86.4	30.2	90	32.2	90	32.2	76.4	24.7	74	23.3	1967*
6	81.3	27.4	86.3	30.2	90	32.2	90	32.2	76.3	24.6	72	22.2	1967*
7	81.6	27.6	86.6	30.3	90	32.2	90	32.2	76.6	24.8	72	22.2	1951
8	81.4	27.4	86.3	30.2	90	32.2	90	32.2	76.6	24.8	73	22.8	1958*
9	81.3	27.4	86.1	30.1	90	32.2	90	32.2	76.5	24.7	74	23.3	1967*
10	81.0	27.2	86.1	30.1	92	33.3	92	33.3	76.0	24.4	73	22.8	1966*
11	81.4	27.4	86.5	30.3	90	32.2	90	32.2	76.3	24.6	72	22.2	1955
12	81.5	27.5	86.4	30.2	89	31.7	89	31.7	76.7	24.8	74	23.3	1966*
13	81.4	27.4	86.4	30.2	91	32.8	91	32.8	76.3	24.6	71	21.7	1950
14	81.4	27.4	86.5	30.3	93	33.9	93	33.9	76.3	24.6	72	22.2	1950
15	81.4	27.4	86.4	30.2	91	32.8	91	32.8	76.4	24.7	72	22.2	1967
16	81.3	27.4	86.7	30.4	93	33.9	93	33.9	76.0	24.4	72	22.2	1967*
17	82.0	27.8	87.3	30.7	93	33.9	93	33.9	76.6	24.8	72	22.2	1953*
18	81.8	27.7	86.9	30.5	95	35.0	95	35.0	76.6	24.8	72	22.2	1967*
19	81.7	27.6	86.3	30.2	92	33.3	92	33.3	77.1	25.1	71	21.7	1950
20	81.6	27.6	86.3	30.2	93	33.9	93	33.9	76.9	24.9	74	23.3	1967*
21	81.4	27.4	86.4	30.2	92	33.3	92	33.3	76.5	24.7	71	21.7	1967
22	81.6	27.6	86.5	30.3	92	33.3	92	33.3	76.7	24.8	72	22.2	1968*
23	81.1	27.3	85.9	29.9	92	33.3	92	33.3	76.3	24.6	71	21.7	1949
24	81.3	27.4	86.2	30.1	92	33.3	92	33.3	76.3	24.6	70	21.1	1949
25	81.2	27.3	86.4	30.2	91	32.8	91	32.8	76.1	24.5	72	22.2	1968
26	81.3	27.4	86.3	30.2	91	32.8	91	32.8	76.4	24.7	74	23.3	1967*
27	81.3	27.4	86.5	30.3	91	32.8	91	32.8	76.1	24.5	72	22.2	1969
28	81.1	27.3	86.1	30.1	91	32.8	91	32.8	76.2	24.6	73	22.8	1952*
29	81.4	27.4	86.4	30.2	90	32.2	90	32.2	76.4	24.7	73	22.8	1962*
30	80.8	27.1	85.8	29.9	90	32.2	90	32.2	75.8	24.3	71	21.7	1964*
31	81.2	27.3	86.2	30.1	91	32.8	91	32.8	76.1	24.5	73	22.3	1969*
Monthly	81.4	27.4	86.4	30.2	95	35.0	95	35.0	76.4	24.7	70	21.1	1949

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

STATION NAME

1946-1977

YEARS

AUGUST

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		AVERAGE		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.3	27.4	86.3	30.2	90	32.2	76.3	24.6	71	21.7	1969
2	80.9	27.2	85.6	29.8	89	31.7	76.2	24.6	73	22.8	1952
3	81.0	27.2	86.0	30.0	90	32.2	76.0	24.4	73	22.8	1969*
4	80.7	27.1	85.6	29.8	90	32.2	75.9	24.4	73	22.8	1971*
5	81.2	27.3	85.8	29.9	91	32.8	76.5	24.7	71	21.7	1950
6	81.1	27.3	86.5	30.3	91	32.8	75.7	24.3	71	21.7	1950
7	81.4	27.4	86.3	30.2	91	32.8	76.5	24.7	73	22.8	1951
8	81.1	27.3	86.0	30.0	91	32.8	76.2	24.6	71	21.7	1967
9	81.5	27.5	86.5	30.3	91	32.8	76.5	24.7	73	22.8	1952
10	81.1	27.3	86.0	30.0	91	32.8	76.3	24.6	73	22.8	1951
11	80.8	27.1	85.6	29.8	91	32.8	75.9	24.4	72	22.2	1953*
12	81.0	27.2	86.0	30.0	90	32.2	75.9	24.4	71	21.7	1947
13	80.6	27.0	85.8	29.9	92	33.3	75.5	24.2	70	21.1	1967
14	81.0	27.2	86.1	30.1	89	31.7	75.9	24.4	72	22.2	1954*
15	81.1	27.3	85.9	29.9	91	32.8	76.3	24.6	73	22.8	1968
16	81.4	27.4	86.5	30.3	91	32.8	76.3	24.6	70	21.1	1949
17	81.7	27.6	86.8	30.4	91	32.8	76.7	24.8	74	23.3	1968*
18	81.2	27.3	86.2	30.1	91	32.8	76.2	24.6	72	22.2	1953
19	80.8	27.1	85.7	29.8	91	32.8	75.9	24.4	71	21.7	1964
20	81.2	27.3	86.5	30.3	90	32.2	75.8	24.3	71	21.7	1960
21	81.2	27.3	86.6	30.3	91	32.8	75.8	24.3	71	21.7	1960
22	81.6	27.6	87.0	30.6	92	33.3	76.2	24.6	73	22.8	1955
23	82.0	27.8	87.4	30.8	91	32.8	76.6	24.8	73	22.8	1968
24	81.2	27.3	86.3	30.2	91	32.8	76.1	24.5	72	22.2	1968*
25	81.6	27.6	86.7	30.4	92	33.3	76.5	24.7	72	22.2	1954
26	81.3	27.4	86.5	30.3	91	32.8	76.1	24.5	72	22.2	1964
27	81.4	27.4	86.5	30.3	92	33.3	76.3	24.6	72	22.2	1951
28	81.2	27.3	86.3	30.2	91	32.8	76.1	24.5	73	22.8	1968*
29	81.5	27.5	86.4	30.2	90	32.2	76.5	24.7	72	22.2	1953
30	81.4	27.4	86.4	30.2	92	33.3	76.4	24.7	71	21.7	1949
31	81.7	27.6	86.8	30.4	92	33.3	76.6	24.8	70	21.1	1949
Monthly	81.2	27.3	86.3	30.2	92	33.3	76.2	24.6	70	21.1	1967*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1977

41406 AGANA, GUAM

1945-1977

STATION NAME
STATION

SEPTEMBER

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	81.5	27.5	86.4	30.2	91	32.8	91	32.8	1977	1977	76.5	24.7	73	22.8	73	22.8	1957	1957
2	81.3	27.4	86.2	30.1	91	32.8	91	32.8	1976*	1976*	76.3	24.6	72	22.2	72	22.2	1966	1966
3	81.2	27.3	86.0	30.0	90	32.2	90	32.2	1971*	1971*	76.3	24.6	71	21.7	71	21.7	1968	1968
4	81.1	27.3	86.2	30.1	90	32.2	90	32.2	1971*	1971*	75.9	24.4	72	22.2	72	22.2	1966	1966
5	80.8	27.1	85.7	29.8	92	33.3	92	33.3	1969	1969	75.8	24.3	72	22.2	72	22.2	1966*	1966*
6	81.1	27.3	86.1	30.1	91	32.8	91	32.8	1969	1969	76.2	24.6	72	22.2	72	22.2	1954*	1954*
7	81.2	27.3	86.2	30.1	90	32.2	90	32.2	1969*	1969*	76.3	24.6	73	22.8	73	22.8	1954*	1954*
8	81.1	27.3	86.1	30.1	91	32.8	91	32.8	1969	1969	76.0	24.4	71	21.7	71	21.7	1952	1952
9	81.0	27.2	86.2	30.1	90	32.2	90	32.2	1971*	1971*	75.9	24.4	71	21.7	71	21.7	1952	1952
10	81.4	27.4	86.4	30.2	89	31.7	89	31.7	1977*	1977*	76.4	24.7	71	21.7	71	21.7	1966	1966
11	80.9	27.2	85.9	29.9	90	32.2	90	32.2	1971*	1971*	75.9	24.4	72	22.2	72	22.2	1955*	1955*
12	80.7	27.1	85.6	29.8	92	33.3	92	33.3	1969	1969	75.8	24.3	72	22.2	72	22.2	1967*	1967*
13	80.9	27.2	85.9	29.9	91	32.8	91	32.8	1969	1969	75.9	24.4	71	21.7	71	21.7	1945	1945
14	81.2	27.3	86.4	30.2	91	32.8	91	32.8	1969	1969	76.0	24.4	72	22.2	72	22.2	1948*	1948*
15	81.2	27.3	86.5	30.3	91	32.8	91	32.8	1969	1969	75.9	24.4	71	21.7	71	21.7	1956	1956
16	81.5	27.5	86.8	30.4	90	32.2	90	32.2	1969*	1969*	76.2	24.6	72	22.2	72	22.2	1945	1945
17	81.1	27.3	86.6	30.3	91	32.8	91	32.8	1969*	1969*	75.6	24.2	70	21.1	70	21.1	1972	1972
18	81.0	27.2	86.0	30.0	91	32.8	91	32.8	1969*	1969*	76.0	24.4	73	22.8	73	22.8	1966*	1966*
19	81.0	27.2	86.0	30.0	90	32.2	90	32.2	1969	1969	75.9	24.4	73	22.8	73	22.8	1961*	1961*
20	81.3	27.4	86.5	30.3	91	32.8	91	32.8	1969	1969	76.2	24.6	73	22.8	73	22.8	1964	1964
21	81.2	27.3	86.3	30.2	91	32.8	91	32.8	1969	1969	76.0	24.4	72	22.2	72	22.2	1966	1966
22	81.6	27.6	87.1	30.6	91	32.8	91	32.8	1970*	1970*	76.1	24.5	73	22.8	73	22.8	1953	1953
23	81.2	27.3	86.1	30.1	92	33.3	92	33.3	1970*	1970*	76.3	24.6	70	21.1	70	21.1	1945	1945
24	81.2	27.3	86.2	30.1	91	32.8	91	32.8	1977	1977	76.1	24.5	71	21.7	71	21.7	1945	1945
25	81.3	27.4	86.2	30.1	91	32.8	91	32.8	1969	1969	76.3	24.6	73	22.8	73	22.8	1953*	1953*
26	81.7	27.6	86.7	30.4	90	32.2	90	32.2	1972	1972	76.6	24.8	73	22.8	73	22.8	1953	1953
27	81.7	27.6	86.8	30.4	91	32.8	91	32.8	1964	1964	76.6	24.8	73	22.8	73	22.8	1956	1956
28	81.4	27.4	86.5	30.3	91	32.8	91	32.8	1971*	1971*	76.2	24.6	72	22.2	72	22.2	1954	1954
29	81.0	27.2	85.7	29.8	91	32.8	91	32.8	1971*	1971*	76.3	24.6	72	22.2	72	22.2	1966	1966
30	81.3	27.4	86.3	30.2	91	32.8	91	32.8	1971*	1971*	76.4	24.7	72	22.2	72	22.2	1949	1949
31																		
Monthly	81.2	27.3	86.3	30.2	92	33.3	92	33.3	1970*	1970*	76.1	24.5	70	21.1	70	21.1	1972*	1972*

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

DAILY AVERAGE/EXTREME TEMPERATURES

5725 DAILY AVERAGE/EXTREME TEMP MAR 1978

OCTOBER

1945-1977

AGANA, GUAM

MONTH

YEARS

STATION NAME

STATION

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		EXTREME		DATE		AVERAGE		MINIMUM TEMP		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C	° F	° C	DATE	DATE	° F	° C	° F	° C	° F	° C	DATE	DATE
1	81.3	27.4	86.7	30.4	91	32.8	91	32.8	1964	1964	75.9	24.4	72	22.2	72	22.2	1945	1945
2	81.3	27.4	86.2	30.1	90	32.2	90	32.2	1971*	1971*	76.4	24.7	70	21.1	70	21.1	1950	1950
3	81.6	27.6	86.9	30.5	92	33.3	92	33.3	1951	1951	76.2	24.6	72	22.2	72	22.2	1950*	1950*
4	81.5	27.5	86.9	30.5	90	32.2	90	32.2	1976*	1976*	76.1	24.5	73	22.8	73	22.8	1951*	1951*
5	81.0	27.2	86.0	30.0	91	32.8	91	32.8	1974	1974	75.9	24.4	73	22.8	73	22.8	1964*	1964*
6	81.1	27.3	86.2	30.1	91	32.8	91	32.8	1969	1969	76.1	24.5	70	21.1	70	21.1	1945	1945
7	81.3	27.4	86.5	30.3	92	33.3	92	33.3	1966	1966	76.1	24.5	73	22.8	73	22.8	1957*	1957*
8	81.3	27.4	86.4	30.2	91	32.8	91	32.8	1969	1969	76.2	24.6	71	21.7	71	21.7	1954	1954
9	81.4	27.4	86.2	30.1	92	33.3	92	33.3	1967	1967	76.6	24.8	71	21.7	71	21.7	1952	1952
10	81.5	27.5	86.3	30.2	93	33.9	93	33.9	1969	1969	76.7	24.8	72	22.2	72	22.2	1945	1945
11	81.5	27.5	86.5	30.3	92	33.3	92	33.3	1969*	1969*	76.4	24.7	73	22.9	73	22.9	1963	1963
12	81.6	27.6	86.8	30.4	92	33.3	92	33.3	1969	1969	76.4	24.7	74	23.3	74	23.3	1963*	1963*
13	81.3	27.4	86.4	30.2	91	32.8	91	32.8	1971*	1971*	76.2	24.6	74	23.3	74	23.3	1965*	1965*
14	81.4	27.4	86.6	30.3	91	32.8	91	32.8	1971*	1971*	76.2	24.6	72	22.2	72	22.2	1949	1949
15	81.2	27.3	86.2	30.1	93	33.9	93	33.9	1966	1966	76.2	24.6	70	21.1	70	21.1	1953	1953
16	80.6	27.0	85.3	29.6	90	32.2	90	32.2	1971*	1971*	75.9	24.4	67	19.4	67	19.4	1966	1966
17	80.9	27.2	86.1	30.1	90	32.2	90	32.2	1971*	1971*	75.8	24.3	70	21.1	70	21.1	1966	1966
18	80.9	27.2	85.8	29.9	90	32.2	90	32.2	1971*	1971*	76.1	24.5	73	22.8	73	22.8	1969*	1969*
19	80.8	27.1	85.8	29.9	90	32.2	90	32.2	1971	1971	75.8	24.3	71	21.7	71	21.7	1966	1966
20	81.5	27.5	86.9	30.5	91	32.8	91	32.8	1970*	1970*	76.2	24.6	73	22.8	73	22.8	1965	1965
21	81.4	27.4	86.5	30.3	91	32.8	91	32.8	1962	1962	76.2	24.6	70	21.1	70	21.1	1945	1945
22	81.2	27.3	86.5	30.3	90	32.2	90	32.2	1976*	1976*	75.9	24.4	70	21.1	70	21.1	1945	1945
23	81.4	27.4	86.7	30.4	92	33.3	92	33.3	1966	1966	76.1	24.5	73	22.8	73	22.8	1972*	1972*
24	81.3	27.4	86.2	30.1	91	32.8	91	32.8	1969	1969	76.4	24.7	72	22.2	72	22.2	1964	1964
25	81.2	27.3	86.5	30.3	90	32.2	90	32.2	1971	1971	75.9	24.4	72	22.2	72	22.2	1966*	1966*
26	81.4	27.4	86.5	30.3	90	32.2	90	32.2	1971*	1971*	76.2	24.6	72	22.2	72	22.2	1972	1972
27	80.8	27.1	85.8	29.9	91	32.8	91	32.8	1970	1970	75.8	24.3	72	22.2	72	22.2	1950*	1950*
28	80.9	27.2	85.9	29.9	90	32.2	90	32.2	1971*	1971*	75.9	24.4	72	22.2	72	22.2	1967*	1967*
29	81.8	27.7	87.1	30.6	92	33.3	92	33.3	1965	1965	76.4	24.7	72	22.2	72	22.2	1967	1967
30	81.6	27.6	86.9	30.5	92	33.3	92	33.3	1966*	1966*	76.3	24.6	72	22.2	72	22.2	1967	1967
31	81.5	27.5	86.3	30.2	92	33.3	92	33.3	1966	1966	76.7	24.8	73	22.8	73	22.8	1972	1972
Monthly	81.3	27.4	86.4	30.2	93	33.9	93	33.9	1969*	1969*	76.2	24.6	67	19.4	67	19.4	1966	1966

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

STATION

STATION NAME

1945-1977

YEARS

NOVEMBER

MONTH

5725 DAILY AVERAGE/EXTREME TEMPERATURES MAR 1978

DAY	MEAN TEMP		AVERAGE		MAXIMUM TEMP		MINIMUM TEMP		DATE
	° F	° C	° F	° C	° F	° C	° F	° C	
1	81.4	27.4	86.3	30.2	91	32.8	73	22.8	1951*
2	81.5	27.5	86.4	30.2	91	32.8	73	22.2	1948
3	81.6	27.6	86.8	30.4	91	32.8	73	22.8	1960
4	81.7	27.6	86.8	30.4	92	33.3	72	22.2	1951
5	81.5	27.5	86.4	30.2	90	32.2	73	22.8	1967
6	81.6	27.6	86.4	30.2	90	32.2	70	21.1	1950
7	81.8	27.7	86.8	30.4	91	32.8	72	22.2	1965
8	81.6	27.6	86.6	30.3	92	33.3	73	22.8	1963*
9	81.3	27.4	86.3	30.2	92	33.3	68	20.0	1967
10	81.5	27.5	86.5	30.3	92	33.3	72	22.2	1953
11	81.2	27.3	86.0	30.0	92	33.3	71	21.7	1975
12	81.3	27.4	86.1	30.1	92	33.3	73	22.8	1953
13	81.1	27.3	85.9	29.9	92	33.3	72	22.2	1953
14	81.8	27.7	86.4	30.2	90	32.2	74	23.3	1965*
15	81.4	27.4	86.2	30.1	90	32.2	73	22.8	1965
16	81.0	27.2	85.9	29.9	89	31.7	70	21.1	1966
17	81.2	27.3	85.7	29.8	89	31.7	70	21.1	1966
18	81.0	27.2	85.7	29.8	91	32.8	70	21.1	1966
19	81.2	27.3	85.8	29.9	91	32.8	70	21.1	1966
20	81.1	27.3	85.6	29.8	91	32.8	72	22.2	1949
21	80.9	27.2	85.4	29.7	92	33.3	72	22.2	1965
22	81.2	27.3	85.7	29.8	92	33.3	73	22.8	1950
23	80.9	27.2	85.5	29.7	91	32.8	70	21.1	1967
24	81.0	27.2	85.7	29.8	89	31.7	73	22.8	1972*
25	81.1	27.3	85.5	29.7	90	32.2	72	22.2	1967
26	81.1	27.3	85.6	29.8	89	31.7	71	21.7	1967
27	81.0	27.2	85.5	29.7	90	32.2	71	21.7	1967
28	80.9	27.2	85.5	29.7	89	31.7	71	21.7	1966
29	80.9	27.2	85.6	29.8	89	31.7	72	22.2	1967*
30	80.8	27.1	85.5	29.7	89	31.7	73	22.8	1968*
31									
Monthly	81.2	27.3	86.0	30.0	92	33.3	68	20.0	1967

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

NAVAL WEATHER SERVICE DETACHMENT
ASHEVILLE, NORTH CAROLINA

DAILY AVERAGE/EXTREME TEMPERATURES

41406

AGANA, GUAM

1945-1977

DECEMBER

STATION

STATION NAME

YEARS

MONTH

DAY	MEAN TEMP		AVERAGE		EXTREME		DATE		AVERAGE		EXTREME		DATE	
	° F	° C	° F	° C	° F	° C			° F	° C	° F	° C		
1	80.8	27.1	85.3	29.6	90	32.2	1962		76.2	24.6	71	21.7	1963	
2	80.9	27.2	85.5	29.7	89	31.7	1965*		76.3	24.6	70	21.1	1967	
3	81.0	27.2	85.7	29.8	90	32.2	1965		76.3	24.6	73	22.8	1968*	
4	81.0	27.2	85.4	29.7	88	31.1	1971*		76.5	24.7	69	20.6	1948	
5	81.1	27.3	85.8	29.9	89	31.7	1965*		76.3	24.6	70	21.1	1967	
6	80.9	27.2	85.7	29.8	89	31.7	1971*		76.2	24.6	72	22.2	1967	
7	81.0	27.2	85.5	29.7	90	32.2	1970		76.5	24.7	73	22.8	1963*	
8	81.0	27.2	85.6	29.8	90	32.2	1970		76.4	24.7	70	21.1	1963	
9	80.9	27.2	85.7	29.8	89	31.7	1971		76.2	24.6	71	21.7	1972	
10	80.7	27.1	85.3	29.6	88	31.1	1971		76.1	24.5	73	22.8	1945	
11	80.5	26.9	85.1	29.5	88	31.1	1971		76.0	24.4	71	21.7	1964	
12	80.6	27.0	85.3	29.6	88	31.1	1971*		75.8	24.3	70	21.1	1969*	
13	80.4	26.9	85.1	29.5	88	31.1	1971*		75.7	24.3	71	21.7	1972	
14	80.2	26.8	84.7	29.3	87	30.6	1969*		75.7	24.3	71	21.7	1953	
15	80.7	27.1	85.0	29.4	89	31.7	1969*		76.3	24.6	72	22.2	1963	
16	80.6	27.0	85.2	29.6	89	31.7	1968*		76.0	24.4	70	21.1	1965	
17	80.8	27.1	85.5	29.7	88	31.1	1964		76.2	24.6	70	21.1	1972	
18	80.4	26.9	85.2	29.6	88	31.1	1971*		75.6	24.2	72	22.2	1965*	
19	80.2	26.8	84.8	29.3	88	31.1	1966*		75.7	24.3	71	21.7	1963	
20	80.7	27.1	85.2	29.6	88	31.1	1971*		76.1	24.5	71	21.7	1963	
21	80.4	26.9	85.0	29.4	88	31.1	1971*		75.9	24.4	72	22.2	1963	
22	80.5	26.9	85.0	29.4	89	31.7	1962		76.0	24.4	72	22.2	1967*	
23	80.3	26.8	84.5	29.2	88	31.1	1962		76.0	24.4	71	21.7	1963	
24	80.2	26.8	84.6	29.2	89	31.7	1962		75.8	24.3	72	22.2	1950*	
25	80.1	26.7	84.7	29.3	87	30.6	1971*		75.5	24.2	71	21.7	1967	
26	80.2	26.8	84.7	29.3	87	30.6	1971*		75.8	24.3	70	21.1	1967	
27	80.1	26.7	84.9	29.4	89	31.7	1970		75.4	24.1	71	21.7	1956	
28	80.3	26.8	84.8	29.3	88	31.1	1971		75.8	24.3	71	21.7	1968	
29	80.0	26.7	84.6	29.2	88	31.1	1971*		75.4	24.1	70	21.1	1968	
30	80.2	26.8	84.7	29.3	87	30.6	1972*		75.7	24.3	71	21.7	1965*	
31	80.2	26.8	84.7	29.3	89	31.7	1965		75.7	24.3	68	20.0	1962	
Monthly	80.5	26.9	85.1	29.5	90	32.2	1970*		76.0	24.4	68	20.0	1962	

*ALSO ON EARLIER YEARS

DIRNAVOCEANMET-SMOS

EXTREME VALUES

MAXIMUM TEMPERATURE (FROM DAILY OBSERVATIONS)

STATION 41406 AGANA, GUAM STATION NAME YEARS 45-77

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
45	88								89		87		
46													
47		87	87	90	89	92	90	90	90	89	88	87	90
48					89	89	88	90	87	89	89	86	90
49	84	83	86	88	87	89	89	89	90	89	88	88	90
50	86	85	87	89	88	88	88	90	89	89	88	87	90
51	86	88	88	86	88	90	90	90	90	92		89	
52	86	87	90	88	89	89	89	89	91	88	88	89	91
53	88	87	86	88	88	89	90	89	89	90	89	87	90
54	86	87	87	88	88	90	90	89	89	90	87	86	90
55	83	83	87	86	86	87	88	89		90	87	87	90
56	85	84	86	87	88	90	89	88	88	90	89	87	90
57	86	84	87	87	90	88	91	89	89	89	88	87	91
58	87	87	88	87	86	87	89	88	88	88	87	87	89
59	87	83	86	83	87	90	88	89	88	89	87	85	90
60	86	86	88	88	88	88	88	87	88	88	88	86	88
61	83	87	87	87	85	87	91	88	90	87	87	83	91
62	86	84	86	88	87	88	88	89	92	92		90	
63	87	87	89	90	89	94	90	88	89	92	89	87	94
64	90	88	93	89	90	92	93	91	91	91	92	89	93
65	87	88	89	89	90	88	89	92	90	92	89	90	92
66	88	89	90	93	91	93	93	92	89	93	92	88	93
67	86	89	87	87	85	89	89	89	90	92	91	87	92
68	88	88	88	88	89	88	87	88	90	90	89	89	90
69	86	87	92	92	92	95	95	92	92	93	91	89	95
70	88	88	89	89	93	92	91	92	92	91	92	90	93
71	90	88	90	96	94	90	90	92	91	91	90	89	96
72	89	90	89	89	88	89	87	90	90	90	89	88	90
73	89	87	89	89	87	90	90	90	88	89	88	87	90
74	87	86	87	88	87	94	90	89	90	91	87	87	94
MEAN													
S. D.													
TOTAL OBS.													

MAXIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

WHOLE DEGREES FAHRENHEIT

[illegible]

NAVWEASERVCOM

EXTREME VALUES

MINIMUM TEMPERATURE
(FROM DAILY OBSERVATIONS)

45-77

AGANA, GUAM

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ALL MONTHS
43	73								70		74		
46													
47	75	73	74	73	74	71	73	71	73	73	75	75	
48	72	70	71	72	73	74	75	73	72	72	72	69	69
49	70	70	71	71	72	73	70	70	72	72	72	72	70
50	73	72	72	72	70	74	72	72	72	70	70	72	70
51	71	72	71	73	72	72	73	72	71	71	72	73	71
52	70	70	72	72	73	74	72	71	72	70	72	71	
53	72	72	73	73	73	75	72	72	72	71	74	72	71
54	72	73	74	73	75	73	72	73	72	73	74	73	72
55	70	73	73	74	73	72	71	73	71	73	74	71	70
56	72	72	73	73	74	75	75	74	73	73	75	74	72
57	72	73	73	72	74	70	72	73	73	73	75	72	70
58	71	71	73	73	74	74	74	73	72	74	74	75	71
59	73	73	72	75	74	75	75	71	73	72	73	74	71
60	73	73	73	74	75	73	73	72	73	73	74	72	72
61	72	72	75	74	74	71	73	73	74	73	74	68	70
62	70	72	70	72	73	74	73	74	76	72	73	70	70
63	71	70	70	72	71	75	71	71	73	72	73	71	70
64	72	70	66	68	72	72	73	72	73	73	72	70	66
65	69	68	68	73	72	70	72	74	71	67	70	72	67
66	72	71	68	72	74	72	71	70	72	72	68	70	68
67	74	70	73	72	73	71	72	72	71	72	73	70	70
68	70	68	68	72	73	76	72	71	76	73	75	70	68
69	73	74	75	75	75	75	74	74	73	74	74	75	73
70	74	72	72	74	74	76	76	73	76	77	78	74	72
71	74	72	74	71	71	72	72	72	70	71	72	70	70
72	67	65	67	74	76	73	76	75	75	74	76	73	65
73	71	75	71	76	76	76	75	75	77	76	77	79	71
MEAN													
S. D.													
TOTAL OBS.													

NAVWEASERVCOM

5723 Extreme Values Jan 1969

EXTREME VALUES

MINIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

FROM DAILY OBSERVATIONS)

45-77

AGANA, GUAM

41406

STATION	STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT

[illegible]

MINIMUM TEMPERATURE
FROM DAILY OBSERVATIONS

45-77

AGANA, GUAM

STATION NAME

YEARS

WHOLE DEGREES FAHRENHEIT
/BASED ON LESS THAN FULL MONTHS/

[illegible]

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

41406 STATION AGANA, GUAM 73-77 YEARS JAN MONTH PAGE 1 HOURS (L.S.T.)

Temp. (F)	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥31	TOTAL D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.2	.2	.2										6	6		
86/ 85						.1	.9	.4	.2									44	44		
84/ 83			.2	2.8	6.3	3.6	.6	.1										168	168		
82/ 81		.2	2.2	8.2	5.5	2.4	.6	.1										238	238		
80/ 79		.6	7.1	11.7	3.4	.9												293	293	12	1
78/ 77		3.3	8.9	6.3	1.6	.4												254	254	111	23
76/ 75		2.4	5.1	3.3	.9	.1												146	146	390	117
74/ 73		.8	2.7	.9	.2													56	56	396	316
72/ 71	.2	1.0	.6	.2														23	23	203	364
70/ 69		.4	.3	.1														10	10	96	229
68/ 67		.1	.1															2	2	26	120
66/ 65																				5	49
64/ 63																				1	19
62/ 61																					2
TOTAL	.2	8.8	27.0	33.5	18.7	9.5	1.7	.6										1240	1240	1240	1240

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

5 5 PSYCHROMETRIC SUMMARY JAN 68

41406 AGANA, GUAM

73-77

STATION NAME

STATION

YEARS

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88 / 87							.1											1	1		
86 / 85						.9	.9	.3										32	32		
84 / 83			.3	1.0	6.1	4.4	2.1	.4										161	161		
82 / 81			1.4	4.8	6.3	2.6	1.1	.1										183	183		
80 / 79		.5	5.3	7.6	3.8	.9												205	205	3	
78 / 77	.2	2.3	14.5	8.3	3.3	.4												328	328	68	9
76 / 75		3.5	7.1	2.7	.5	.2												158	158	275	75
74 / 73		1.9	1.5	.2														40	40	439	257
72 / 71		1.0	.4	.1														16	16	264	351
70 / 69	.1	.2																3	3	66	256
68 / 67		.1																1	1	10	102
66 / 65																				3	51
64 / 63																					23
62 / 61																					4
TOTAL	.3	9.4	30.5	24.7	20.9	9.4	4.1	.7										1128	1128	1128	1128
									</												

Mean No. of Hours with Temperature

No. Obs.

σ_x

\bar{x}

$\sum x$

$\sum x^2$

Element (X)

Rel. Hum.

Dry Bulb

Wet Bulb

Dew Point

≥73 F

≥80 F

≥93 F

Total

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

672.0

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2

STATION
41406

AGANA, GUAM

[illegible]

73-77

YEARS

MAR
MONTH

MONTH

PAGE 1
HOURS (L.S.)

HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMA JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb		Wet Bulb
88/ 87									.2									4	4		
86/ 85				.2	.7	.9	1.8	.2	.1									49	49		
84/ 83			.2	.7	4.6	5.0	2.0	.1	.1									157	157		
82/ 81		.1	1.0	4.8	6.9	2.2	.2											188	188		
80/ 79		.6	6.7	5.6	3.9	.5	.1											214	214	7	1
78/ 77		5.2	13.1	9.3	2.5	.2												376	376	62	13
76/ 75		5.7	6.5	3.4	.2													196	196	348	90
74/ 73	.1	1.5	1.5	.4			.1											44	44	493	336
72/ 71	.7	.1																10	10	257	333
70/ 69	.1	.1																2	2	64	285
68/ 67																				8	139
66/ 65																					36
64/ 63																				1	3
60/ 59																					3
58/ 57																					1
TOTAL	.1	14.0	29.1	124.4	18.7	8.7	4.2	.5	.2	.1								1240	1240	1240	1240

PSYCHROMETRIC SUMMARY

41406 STATION AGANA, GUAM 73-77 YEARS APR MONTH PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87							.2	.2										5	5		
86/ 85			.1	.2	2.4	3.7	1.7	.2										101	101		
84/ 83			.3	2.8	6.1	5.6	.6											185	185		
82/ 81			3.8	10.1	4.2	.7												227	227	1	
80/ 79		1.1	13.0	13.5	2.7													363	363	10	2
78/ 77	.2	3.5	14.6	5.2	.2													283	283	184	25
76/ 75		1.5	.9	.6														36	36	508	199
74/ 73																				443	420
72/ 71																				52	366
70/ 69																				2	162
68/ 67																					24
66/ 65																					1
64/ 63																					1
TOTAL	.2	6.1	32.7	315.6	10.2	2.6	.2											1200	1200	1200	1200
																</					

Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature					Total	
						$\leq 0\text{ }^{\circ}\text{F}$	$\leq 32\text{ }^{\circ}\text{F}$	$\geq 67\text{ }^{\circ}\text{F}$	$\geq 73\text{ }^{\circ}\text{F}$	$\geq 80\text{ }^{\circ}\text{F}$		$\geq 93\text{ }^{\circ}\text{F}$
Rel. Hum.	7342647	93329	77.8	8.373	1200							720.0
Dry Bulb	7775354	96544	80.5	2.593	1200							720.0
Wet Bulb	6739442	89910	74.9	1.564	1200							720.0
Dew Point	6339066	87182	72.7	2.072	1200							720.0

PSYCHROMETRIC SUMMARY

41406 AGANA, GUAM 73-77 MAY MONTH

PAGE 1
HOURS (L.S.T.)

5

PSYCHROMETRIC SUMMARY

JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87					.2	.6	.6	.1										19	19		
86/ 85			.2	.6	2.9	5.8	1.0											130	130		
84/ 83		.2	2.7	4.7	8.1	3.6	.2											241	241		
82/ 81		1.0	6.5	8.1	2.9	.1												229	229	5	
80/ 79		6.9	17.5	10.2	.9													439	439	78	24
78/ 77	.1	5.1	6.7	.9	.1													159	159	364	116
76/ 75	.1	1.5	.2	.1														23	23	565	350
74/ 73																				221	400
72/ 71																				7	282
70/ 69																					56
68/ 67																					12
TOTAL	.2	14.6	33.7	24.4	15.2	10.2	1.7	.1										1240	1240	1240	1240

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Rel. Hum.	7945333	98599	79.5	9.214	1240							744.0
Dry Bulb	8158280	100528	81.1	2.600	1240							744.0
Wet Bulb	7157469	94187	76.0	1.627	1240							744.0
Dew Point	6774643	91613	73.9	2.226	1240							744.0

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PSYCHROMETRIC SUMMARY

5 5 PSYCHROMETRIC SUMMA JAN 68

41406 AGANA, GUAM 73-77 JUN 1968
 STATION NAME YEARS MONTH
 PAGE 1
 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.1									1	1		
92/ 91							.1											1	1		
90/ 89						.5												11	11		
88/ 87					.7	3.4	.5											56	56		
86/ 85				1.4	7.4	3.0	.2											144	144		
84/ 83		.2	2.1	6.5	7.7	1.4												214	214		
82/ 81		1.5	9.5	11.2	2.9													302	302	7	
80/ 79		4.7	22.0	5.1	.1													383	383	122	23
78/ 77	.1	3.7	3.0	.2														84	84	486	123
76/ 75		.2	.2															4	4	505	471
74/ 73																				79	410
72/ 71																				1	154
70/ 69																					18
68/ 67																					1
TOTAL	.110	.236	.724	.518	.8	8.3	1.2		.1									1200	1200	1200	1200

Element (X)	ΣX ²	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						≤ 32 F	≥ 32 F	≥ 37 F	≥ 40 F	≥ 43 F	≥ 46 F	
Rel. Hum.	7622539	95129	79.3	8.232	1200							720.0
Dry Bulb	8041488	98180	81.8	2.698	1200							720.0
Wet Bulb	7045250	91930	76.6	1.485	1200							720.0
Dew Point	6673672	89462	74.6	1.856	1200							720.0

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	7622539	95129	79.3	8.232	1200	≤32 F	≥32 F	≥37 F	≥43 F	≥49 F	≥55 F	720.0
Dry Bulb	8041488	98180	81.8	2.698	1200	720.0	720.0	720.0	720.0	720.0	720.0	720.0
Wet Bulb	7045250	91930	76.6	1.485	1200	720.0	720.0	720.0	720.0	720.0	720.0	720.0
Dew Point	6673672	89462	74.6	1.856	1200	720.0	720.0	720.0	720.0	720.0	720.0	720.0

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PSYCHROMETRIC SUMMARY

41406 STATION AGANA, GUAM 73-77 YEARS JUL MONTH

PAGE 1
HOURS (L.S.T.)

05

PSYCHROMETRIC SUMMARY

JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																		TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point	
90/ 89				.1	.6	1.0	.2	.1										20	20			
88/ 87				.1	2.5	2.7	.2											68	68			
86/ 85			.2	1.9	6.5	.8	.2											119	119			
84/ 83		.1	2.5	7.9	2.9	.3												170	170	1	1	
82/ 81		.8	10.8	6.9	.6													237	237	16		
80/ 79	.1	12.7	18.2	3.4	.2													430	430	172	22	
78/ 77	.4	8.4	5.2	.1														174	174	592	279	
76/ 75		1.5	.2															22	22	376	559	
74/ 73																				83	292	
72/ 71																					77	
70/ 69																					9	
68/ 67																					1	
TOTAL	.523	.537	.120	.313	.4	4.8	.3	.1										1240	1240	1240	1240	

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature					Total	
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	8566519	102557	82.7	8.249	1240							
Dry Bulb	8198768	100760	81.3	3.007	1240							
Wet Bulb	7343466	95404	76.9	1.608	1240							
Dew Point	7028521	93331	75.3	1.747	1240							

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PSYCHROMETRIC SUMMARY

51079 13079 51079 PSYCHROMETRIC SUMMARY JAN 68

41406 AGANA, GUAM STATION NAME
73-77 YEARS
AUG MONTH
PAGE 1 HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.2											2	2		
90/ 89							.2											23	23		
88/ 87					.5	1.2												70	70		
86/ 85				.3	3.5	1.9												109	109		
84/ 83			.2	3.2	4.9	.4												142	142		
82/ 81			2.3	6.7	2.3	.1												230	230	28	
		.9	11.4	5.9	.4																
80/ 79	.1	8.1	20.6	1.5	.1													376	376	186	28
78/ 77	.1	11.2	9.0	.2	.1													254	254	483	270
76/ 75		2.3	.4															33	33	463	570
74/ 73	.1																	1	1	78	335
72/ 71																				2	34
70/ 69																					2
68/ 67																					1
TOTAL	.222	.543	.917	.711	.8	3.5	.3											1240	1240	1240	

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PSYCHROMETRIC SUMMARY

41406

AGANA, GUAM

STATION NAME

73-77

YEARS

SEP

MONTH

PAGE 1
HOURS (L.S.T.)

05 PSYCHROMETRIC SUMMARY JAN 68

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
92/ 91							.1											1	1		
90/ 89							.3											14	14		
88/ 87					.4	2.9	1.3											54	54		
86/ 85			.1	2.6	6.3	.8												116	116		
84/ 83		.1	2.7	7.9	3.8	.3												176	176	1	
82/ 81		1.0	11.9	8.5	1.0													267	267	26	2
80/ 79		9.3	19.1	3.1														376	376	148	35
78/ 77	.1	6.5	6.2	.8														162	162	509	237
76/ 75	.2	1.4	.4	.1														25	25	404	484
74/ 73		.1																1	1	98	344
72/ 71																				6	82
70/ 69																					6
68/ 67																					2
TOTAL	.3	18.5	40.4	23.3	14.3	2.9	.4											1192	1192	1192	1192
																</					

Element (X)	ΣX ²	ΣX	X̄	σ _x	No. Obs.	Mean No. of Hours with Temperature							Total
						≤ 32 F	≥ 32 F	≤ 67 F	≥ 67 F	≤ 73 F	≥ 73 F	≤ 80 F	≥ 80 F
Rel. Hum.	8120538	97976	82.2	7.524	1192								
Dry Bulb	7879537	96851	81.3	2.942	1192								
Wet Bulb	7035858	91556	76.8	1.728	1192								
Dew Point	6730499	89543	75.1	1.839	1192								

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PSYCHROMETRIC SUMMARY

5 1975 PSYCHROMETRIC SUMMARY JAN 68

41406 AGANA, GUAM
STATION NAME

73-77

YEARS

UCT
MONTH

PAGE 1
HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																	TOTAL		TOTAL	
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
90/ 89					.2	.4												78	78	8	
88/ 87				.2	1.9	3.5	.6	.1										135	135		
86/ 85			.1	2.9	6.0	1.9												168	168		
84/ 83			1.9	7.7	3.9	.1												270	270		
82/ 81		1.0	10.2	9.5	1.1													375	375	11	17
80/ 79		5.2	11.1	3.9	.1													181	181	148	182
78/ 77	.2	6.6	7.4	.3														24	24	503	177
76/ 75	.1	1.5	.3															1	1	477	577
74/ 73		.1																		100	360
72/ 71																				1	94
70/ 69																					4
TOTAL	.3	14.4	41.0	24.5	13.2	6.0	.6	.1										1240	1240	1240	1240
																				</	

NAVWEASERVCOM

PSYCHROMETRIC SUMMARY

41406

AGANA, GUAM

73-76

DEC

STATION

STATION NAME

YEARS

MONTH

5070

PSYCHROMETRIC SUMMARY

JAN 68

PAGE 1

HOURS (L.S.T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
88/ 87						.4												4	4		
86/ 85				.5	4.8	3.4	.1	.1										89	89		
84/ 83			1.1	5.6	11.8	1.9												203	203		
82/ 81		.2	7.6	12.3	3.0	.1												230	230		
80/ 79		1.8	16.5	9.4	.5													280	280	25	4
78/ 77	.1	5.0	9.8	1.0	.1													159	159	301	44
76/ 75	.1	1.7	.7	.1	.1													27	27	491	274
74/ 73																				159	444
72/ 71																				14	195
70/ 69																				2	25
68/ 67																					4
66/ 65																					2
TOTAL	.2	8.8	35.7	28.9	20.4	5.8	.1	.1										992	992	992	992
																		</			

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PSYCHROMETRIC SUMMARY

41406 STATION AGANA, GUAM 73-77 YEARS ALL MONTH
 05 PSYCHROMETRIC SUMMARY JAN 68
 PAGE 1 HOURS (EST.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																TOTAL		TOTAL		
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	≥ 31	D.B./W.B.	Dry Bulb	Wet Bulb	Dew Point
94/ 93									.0									1	1		
92/ 91									.0									4	4		
90/ 89									.0	.1	.3	.1						76	76		
88/ 87									.1	1.0	1.3	.2	.0					379	379		
86/ 85									.1	4.3	2.2	.5	.1				.0	1225	1225		
84/ 83									.0	1.7	5.6	2.2	.5	.0			.0	2184	2184	2	1
82/ 81									.6	7.5	8.0	2.9	.7	.2			.0	2858	2858	97	3
80/ 79									.0	4.9	15.7	6.5	1.3	.2			.0	4119	4119	1044	173
78/ 77									.1	5.8	8.6	2.7	.6	.1			.0	2582	2582	4213	1519
76/ 75									.0	2.0	1.8	.9	.1	.0			.0	712	712	5258	4333
74/ 73									.0	.4	.5	.1	.0	.0			.0	144	144	2642	4270
72/ 71									.0	.2	.1	.0					.0	50	50	811	2389
70/ 69									.0	.1	.0	.0					.0	15	15	231	1063
68/ 67									.0	.0	.0						.0	3	3	44	406
66/ 65																				8	139
64/ 63																				2	46
62/ 61																					6
60/ 59																					3
58/ 57																					1
TOTAL		.214	.135	.925	.016	.2	6.9	1.4	.2	.0	.0							14352	14352	14352	
																		14352		14352	

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MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

41406 AGANA, GUAM

HRS.(LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	MEAN	77.3	77.0	76.9	76.5	79.1	79.2	79.1	79.4	79.4	79.4	79.3	78.7
	S. D.	2.439	1.823	1.621	1.214	1.196	1.051	1.249	1.529	1.521	1.492	1.555	1.836
	TOTAL OBS	155	141	155	150	155	150	155	155	155	150	124	1794
04	MEAN	76.8	76.5	76.5	78.1	78.6	78.7	78.7	78.8	79.0	78.9	78.7	78.2
	S. D.	2.704	2.072	1.730	1.289	1.163	1.148	1.490	1.690	1.645	1.494	1.857	1.921
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
07	MEAN	76.8	76.6	76.4	78.5	79.6	79.3	79.0	79.4	79.4	79.3	79.0	78.6
	S. D.	2.714	1.953	1.679	1.251	1.282	1.268	1.453	1.406	1.524	1.662	1.760	2.062
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
10	MEAN	81.5	81.3	81.3	82.5	83.3	83.1	82.9	83.1	83.4	83.0	82.6	82.7
	S. D.	1.703	1.380	1.754	1.374	1.654	2.340	2.869	2.439	2.138	1.766	1.492	2.091
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
13	MEAN	83.0	83.0	83.0	83.8	84.4	84.8	84.2	84.5	85.0	84.4	84.3	84.1
	S. D.	1.888	1.709	2.005	1.645	1.902	2.315	3.505	2.779	2.648	1.895	1.332	2.423
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
16	MEAN	82.3	82.2	82.2	83.2	83.3	83.9	83.7	83.6	83.8	83.7	83.6	83.3
	S. D.	1.846	1.943	2.247	1.739	2.156	2.719	3.458	2.980	2.881	1.986	1.323	2.485
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
19	MEAN	78.7	78.6	78.7	79.9	80.6	81.2	80.9	81.0	80.9	80.6	80.3	80.3
	S. D.	1.863	1.636	1.418	1.148	1.364	1.985	2.288	1.840	1.840	1.363	1.171	1.951
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
22	MEAN	77.9	77.6	77.5	79.1	79.7	79.9	79.7	80.1	80.0	79.9	79.8	79.3
	S. D.	2.314	1.656	1.778	1.226	1.188	1.121	1.768	1.631	1.612	1.404	1.401	1.863
	TOTAL OBS	155	141	155	150	155	155	155	149	155	150	124	1794
ALL HOURS	MEAN	79.3	79.1	79.1	80.5	81.1	81.3	81.0	81.3	81.4	81.2	80.9	80.6
	S. D.	3.290	3.073	3.103	2.594	2.600	3.007	3.220	2.943	2.997	2.650	2.576	3.053
	TOTAL OBS	1240	1128	1240	1200	1240	1240	1240	1192	1240	1200	992	14352

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

41406 AGANA, GUAM

73-77

HRS (LST.)	STATION NAME												ANNUAL
	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	73.0	72.7	72.9	74.2	75.0	75.9	76.3	76.2	76.0	75.9	75.4	75.0
	S. D.	2.243	1.830	1.741	1.318	1.434	1.173	1.219	1.305	1.382	1.265	1.240	1.978
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
04	MEAN	72.8	72.7	72.9	74.2	75.0	75.6	75.9	76.0	75.8	75.6	75.0	74.8
	S. D.	2.383	1.933	1.808	1.456	1.428	1.101	1.256	1.217	1.417	1.214	1.370	1.984
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
07	MEAN	72.8	72.6	72.9	74.6	76.3	76.7	76.7	76.4	76.7	76.2	75.1	75.3
	S. D.	2.376	1.955	1.833	1.402	1.636	1.406	1.194	1.264	1.299	1.290	1.428	2.226
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
10	MEAN	75.0	74.5	74.6	75.7	76.7	77.7	77.7	77.7	77.6	77.8	76.5	76.6
	S. D.	1.925	1.819	1.740	1.309	1.586	1.337	1.378	1.586	1.558	1.233	1.310	1.986
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
13	MEAN	75.3	74.7	74.7	75.9	76.8	77.7	78.1	78.1	78.2	78.1	76.9	76.9
	S. D.	2.076	1.865	1.928	1.525	1.652	1.493	1.743	1.768	1.554	1.491	1.363	2.121
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
16	MEAN	74.8	74.3	74.5	75.5	76.4	77.1	77.8	77.7	77.6	77.5	76.7	76.4
	S. D.	1.961	1.984	1.672	1.608	1.445	1.476	1.562	1.840	1.887	1.613	1.242	2.086
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
19	MEAN	73.3	73.0	73.4	74.5	75.5	76.1	76.7	76.8	76.4	76.5	75.6	75.4
	S. D.	2.191	1.977	1.802	1.330	1.460	1.251	1.647	1.631	1.612	1.261	1.215	2.085
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
22	MEAN	73.1	73.1	73.3	74.6	75.5	76.1	76.4	76.4	76.2	76.4	75.5	75.2
	S. D.	2.171	1.847	1.914	1.330	1.311	1.015	1.335	1.409	1.384	1.185	1.309	1.971
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	1794
ALL HOURS	MEAN	73.8	73.5	73.6	74.9	76.0	76.6	76.9	76.9	76.8	76.7	75.8	75.7
	S. D.	2.385	2.055	1.952	1.565	1.628	1.486	1.609	1.700	1.729	1.586	1.470	2.188
	TOTAL OBS	1240	1125	1240	1200	1240	1200	1240	1240	1192	1240	1200	14352

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

73-77

AGANA, GUAM

STATION NAME

YEARS

HRS (LST.)	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	ANNUAL
01	71.1 2.686 155	71.1 2.493 141	71.1 2.303 155	72.7 1.767 150	74.0 1.971 155	74.4 1.603 150	75.2 1.453 155	75.1 1.468 155	74.6 1.704 149	74.6 1.549 155	74.8 1.550 150	73.8 1.658 124	73.6 2.437 1794
04	71.0 2.690 155	71.0 2.541 141	71.2 2.369 155	72.6 1.930 150	73.6 1.911 155	74.1 1.543 150	74.8 1.504 155	75.0 1.360 155	74.5 1.667 149	74.3 1.397 155	74.6 1.719 150	73.4 1.772 124	73.4 2.407 1794
07	71.0 2.699 155	70.9 2.566 141	71.3 2.424 155	73.0 1.841 150	75.0 2.116 155	75.4 1.821 150	75.7 1.467 155	75.4 1.391 155	75.6 1.536 149	75.0 1.457 155	75.1 1.583 150	73.6 1.697 124	73.9 2.652 1794
10	72.3 2.829 155	71.5 2.743 141	71.8 2.702 155	72.9 2.282 150	74.1 2.448 155	75.1 1.975 150	75.6 1.648 155	75.8 1.563 155	75.6 1.802 149	75.6 1.619 155	75.5 1.702 150	74.1 1.849 124	74.2 2.655 1794
13	72.0 2.947 155	71.1 3.031 141	71.1 3.052 155	72.7 2.398 150	73.7 2.621 155	74.7 2.164 150	75.6 1.963 155	75.8 1.651 155	75.8 1.862 149	75.5 1.880 155	75.3 1.933 150	74.0 1.934 124	74.0 2.915 1794
16	71.6 2.907 155	70.8 3.086 141	71.2 2.708 155	72.3 2.411 150	73.5 2.257 155	74.3 2.069 150	75.4 1.913 155	75.5 1.842 155	75.4 2.052 149	75.0 1.828 155	75.2 1.614 150	73.8 1.870 124	73.7 2.825 1794
19	71.0 2.823 155	70.6 2.747 141	71.2 2.597 155	72.2 1.891 150	73.3 2.116 155	73.9 1.649 150	75.0 2.117 155	75.2 1.702 155	74.7 1.884 149	74.6 1.507 155	75.0 1.424 150	73.7 1.617 124	73.4 2.632 1794
22	71.1 2.611 155	71.2 2.551 141	71.5 2.437 155	72.8 1.834 150	73.8 1.844 155	74.5 1.455 150	75.0 1.616 155	75.1 1.492 155	74.8 1.671 149	74.8 1.463 155	75.1 1.503 150	73.7 1.692 124	73.6 2.614 1794
ALL HOURS	71.4 2.812 1240	71.0 2.732 1128	71.3 2.586 1240	72.7 2.072 1200	73.9 2.226 1240	74.6 1.856 1200	75.3 1.747 1240	75.4 1.593 1240	75.1 1.840 1192	74.9 1.648 1240	75.1 1.651 1200	73.8 1.769 992	73.7 2.637 14352

NAVWEASERVCOM

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5706 RELATIVE HUMIDITY JAN 68

JAN _____
MONTH

JAN
MONTH

73-77

PERIOD

STATION NAME

STATION NAME

STATION
41406

STATION
41406

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	01	100.0	100.0	100.0	100.0	100.0	99.4	94.8	53.5	9.0	81.6	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	97.4	60.0	11.6	82.7	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	96.8	62.6	9.0	82.7	155
	10	100.0	100.0	100.0	100.0	100.0	96.8	66.5	18.1	2.6	74.1	155
	13	100.0	100.0	100.0	100.0	100.0	91.6	41.3	9.0	1.3	69.9	155
	16	100.0	100.0	100.0	100.0	99.4	92.3	45.2	11.0	1.9	70.5	155
	19	100.0	100.0	100.0	100.0	100.0	99.4	84.5	29.7	4.5	77.5	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	94.8	48.4	5.8	80.2	155
TOTALS		100.0	100.0	100.0	100.0	99.9	97.4	77.7	36.5	5.7	77.4	1240

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5706 RELATIVE HUMIDITY JAN 68

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41406
AYTON

AGANA, GUAM

STATION NAME

73-77

PERIOD

MONTH
FEB

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
FEB	01	100.0	100.0	100.0	100.0	100.0	100.0	92.2	67.4	7.1	82.4	141
	04	100.0	100.0	100.0	100.0	100.0	99.3	95.7	69.5	14.2	83.4	141
	07	100.0	100.0	100.0	100.0	100.0	99.3	94.3	63.8	13.5	82.8	141
	10	100.0	100.0	100.0	100.0	100.0	93.6	58.9	15.6	7.7	72.6	141
	13	100.0	100.0	100.0	100.0	97.9	82.3	32.6	8.5	1.4	67.9	141
	16	100.0	100.0	100.0	100.0	99.3	85.1	35.5	12.1	2.8	69.1	141
	19	100.0	100.0	100.0	100.0	100.0	99.3	82.3	30.5	2.1	76.9	141
	22	100.0	100.0	100.0	100.0	100.0	100.0	91.5	60.3	6.4	80.9	141
TOTALS		100.0	100.0	100.0	100.0	99.7	94.9	72.9	41.0	6.0	77.0	1128

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20

房屋設備

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MAR
MONTH

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
MAR	01	100.0	100.0	100.0	100.0	100.0	100.0	94.8	61.3	15.5	82.7	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	97.4	72.9	16.1	84.3	155
	07	100.0	100.0	100.0	100.0	100.0	99.4	97.4	75.5	18.7	84.8	155
	10	100.0	100.0	100.0	100.0	100.0	96.1	59.4	18.7	5.8	73.4	155
	13	100.0	100.0	100.0	100.0	97.4	83.2	34.8	11.6	1.3	68.1	155
	16	100.0	100.0	100.0	99.4	99.4	89.0	44.5	11.0	2.6	70.1	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	85.8	37.4	7.1	78.1	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	96.8	60.0	12.3	82.3	155
TOTALS		100.0	100.0	100.0	99.9	99.6	96.0	76.4	43.6	9.9	78.0	1240

NAVWEASERVCOM

RELATIVE HUMIDITY

STATION
41406

AGANA, GUAM

STATION NAME

73-77

PERIOD

APR
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
APR	01	100.0	100.0	100.0	100.0	100.0	100.0	99.3	64.0	10.0	82.8	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.3	72.0	12.7	83.8	150
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	72.7	14.7	83.8	150
	10	100.0	100.0	100.0	100.0	100.0	99.0	62.7	12.0	1.3	73.2	150
	13	100.0	100.0	100.0	100.0	99.3	92.0	42.7	9.3		69.7	150
	16	100.0	100.0	100.0	100.0	100.0	92.7	46.7	6.7		70.1	150
	19	100.0	100.0	100.0	100.0	100.0	100.0	92.7	26.7	.7	77.6	150
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	52.0	5.3	81.2	150
TOTALS		100.0	100.0	100.0	100.0	99.9	97.8	80.3	39.4	5.6	77.8	1200

RELATIVE HUMIDITY

STATION
41406

AGANA, GUAM

STATION NAME

73-77

PERIOD

NAVY

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	71.0	23.9	84.7	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	74.8	21.9	85.1	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	80.0	32.3	86.4	155
	10	100.0	100.0	100.0	100.0	100.0	99.4	58.1	22.6	6.5	74.5	155
	13	100.0	100.0	100.0	100.0	99.4	92.3	43.9	14.8	2.6	70.9	155
	16	100.0	100.0	100.0	100.0	100.0	98.1	49.0	22.6	5.8	72.8	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	90.3	40.0	6.5	78.9	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	61.9	14.8	82.8	155
TOTALS		100.0	100.0	100.0	100.0	99.9	98.7	80.0	48.5	14.3	79.5	1240

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5706 RELATIVE HUMIDITY JAN 68

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61406
STATION

AGANA, GUAM

STATION NAME

73-77

PERIOD

JUN
MONTH

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	01	100.0	100.0	100.0	100.0	100.0	100.0	98.7	73.3	12.0	83.9	150
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	78.0	16.7	84.6	150
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	81.3	24.7	85.7	150
	10	100.0	100.0	100.0	100.0	100.0	100.0	71.3	22.0	2.0	75.6	150
	13	100.0	100.0	100.0	100.0	100.0	98.0	45.3	13.3	4.0	71.6	150
	16	100.0	100.0	100.0	100.0	100.0	99.3	49.3	17.3	1.3	72.2	150
	19	100.0	100.0	100.0	100.0	100.0	100.0	88.7	32.0	2.7	77.9	150
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	64.0	8.0	82.6	150
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	81.5	47.7	8.9	79.3	1200

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5706 RELATIVE HUMIDITY JAN 68

520 MONTH

73-77

AGANA, GUAM

41406

STATION NAME

PERIOD

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
SEP	01	100.0	100.0	100.0	100.0	100.0	100.0	99.3	85.9	20.1	85.5	149
	04	100.0	100.0	100.0	100.0	100.0	100.0	98.7	94.0	30.9	87.0	149
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	94.6	38.3	88.5	149
	10	100.0	100.0	100.0	100.0	100.0	99.3	91.9	27.3	6.7	78.5	149
	13	100.0	100.0	100.0	100.0	100.0	100.0	75.2	20.8	6.7	75.7	149
	16	100.0	100.0	100.0	100.0	100.0	99.3	81.2	25.3	6.7	76.7	149
	19	100.0	100.0	100.0	100.0	100.0	100.0	98.7	51.7	9.4	81.5	149
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	75.2	17.4	84.2	149
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	93.0	59.4	17.0	82.2	1192

RELATIVE HUMIDITY

STATION
41406

AGANA, GUAM

STATION NAME

73-77

PERIOD

067
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
OCT	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	83.9	18.1	85.6	155
	04	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.7	20.6	86.1	155
	07	100.0	100.0	100.0	100.0	100.0	100.0	100.0	89.7	22.6	86.6	155
	10	100.0	100.0	100.0	100.0	100.0	100.0	87.7	29.0	6.5	77.9	155
	13	100.0	100.0	100.0	100.0	100.0	98.1	62.6	19.1	2.6	73.9	155
	16	100.0	100.0	100.0	100.0	100.0	99.4	71.0	23.2	5.2	75.5	155
	19	100.0	100.0	100.0	100.0	100.0	100.0	98.1	52.3	11.6	81.7	155
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.7	74.2	16.1	84.4	155
TOTALS		100.0	100.0	100.0	100.0	100.0	99.7	87.8	57.3	12.9	81.5	1240

5706 RELATIVE HUMIDITY JAN 68

STATION
41406

AGANA, GUAM

STATION NAME

73-76

PERIOD

DEC
MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80%			90%
DEC	01	100.0	100.0	100.0	100.0	100.0	100.0	100.0	70.2	12.9	83.7	124
	04	100.0	100.0	100.0	100.0	100.0	100.0	99.2	72.6	18.5	84.3	124
	07	100.0	100.0	100.0	100.0	100.0	100.0	98.4	72.6	14.5	84.0	124
	10	100.0	100.0	100.0	100.0	100.0	100.0	81.5	16.9	3.2	75.8	124
	13	100.0	100.0	100.0	100.0	100.0	99.2	47.6	11.3	.6	71.4	124
	16	100.0	100.0	100.0	100.0	100.0	99.2	59.7	10.5	1.6	72.8	124
	19	100.0	100.0	100.0	100.0	100.0	100.0	98.4	46.0	5.6	80.6	124
	22	100.0	100.0	100.0	100.0	100.0	100.0	98.4	63.7	6.5	82.2	124
TOTALS		100.0	100.0	100.0	100.0	100.0	99.8	85.4	45.5	8.0	79.4	992

RELATIVE HUMIDITY

5706 RELATIVE HUMIDITY JAN 68

ALL
MONTH

73-77

PERIOD

AGANA, GUAM

STATION NAME

41406

STATION

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	ALL	100.0	100.0	100.0	100.0	99.9	97.4	77.7	36.5	5.7	77.4	1240
FEB		100.0	100.0	100.0	100.0	99.7	94.9	72.9	41.0	6.0	77.0	1128
MAR		100.0	100.0	100.0	99.9	99.6	96.0	76.4	43.6	9.9	78.0	1240
APR		100.0	100.0	100.0	100.0	99.9	97.8	80.3	39.4	5.6	77.8	1200
MAY		100.0	100.0	100.0	100.0	99.9	98.7	80.0	48.5	14.3	79.5	1240
JUN		100.0	100.0	100.0	100.0	100.0	99.7	81.5	47.7	8.9	79.3	1200
JUL		100.0	100.0	100.0	100.0	100.0	99.8	90.3	62.2	22.0	82.7	1240
AUG		100.0	100.0	100.0	100.0	100.0	99.9	92.6	67.6	20.4	83.6	1240
SEP		100.0	100.0	100.0	100.0	100.0	99.8	93.0	59.4	17.0	82.2	1192
OCT		100.0	100.0	100.0	100.0	100.0	99.7	89.8	57.3	12.9	81.5	1240
NOV		100.0	100.0	100.0	100.0	100.0	99.9	91.6	61.2	16.6	82.3	1200
DEC		100.0	100.0	100.0	100.0	100.0	99.8	85.4	45.5	8.0	79.4	992
TOTALS		100.0	100.0	100.0	100.0	99.9	98.6	84.3	50.8	12.3	80.1	14352

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

STATION 41406 AGANA, GUAM STATION NAME JANUARY 1973-DECEMBER 1977 MONTH ALL
HOURS 14.5.7.1

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	16.7	33.3	33.3		16.7					6	.5
82 TO 86	3.8	23.2	58.0	10.0	2.5	.3	1.3	.9		319	25.7
77 TO 81	3.7	32.4	53.5	5.3	2.1		.6	.6	1.8	678	54.7
72 TO 76	3.7	27.3	52.3	4.2	.5	.9		1.4	9.7	216	17.4
67 TO 71		14.3	61.9					23.8		21	1.7
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	3.7	28.9	56.5	6.2	1.9	.2	.6	.8	3.1	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ALL

FEBRUARY

JANUARY 1973-DECEMBER 1977

MONTH

HOURS (L.S.T.)

STATION NAME

AGANA, GUAM

41406

STATION

YEARS

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122 +											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	100.0									1	.1
82 TO 86	4.7	25.8	59.7	7.4	.3			2.0		293	26.4
77 TO 81	6.2	36.3	47.8	4.3	1.6		.5	.8	2.5	611	54.2
72 TO 76	2.8	34.6	60.7	.9					.9	211	18.7
67 TO 71		57.1	42.9							7	.6
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	5.1	23.4	57.3	4.4	1.0		.3	1.0	1.5	1128	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41406

AGANA, GUAM

JANUARY 1973-DECEMBER 1977

MARCH

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	25.0	50.0	25.0							4	.3
82 TO 86	2.5	34.3	59.4	2.9	1.0					315	25.4
77 TO 81	3.1	40.7	51.9	1.8	.9	.1	.3	.1	1.0	669	54.0
72 TO 76	6.1	40.2	48.4	2.5					2.9	244	19.7
67 TO 71		62.5	37.5							8	.6
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.6	39.1	52.9	2.2	.7	.1	.2	.1	1.1	1240	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41406

AGANA, GUAM

STATION NAME

JANUARY

1973-DECEMBER 1977

YEARS

APRIL

ALL

HOURS (L.S.T.)

MONTH

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86	3.2	16.4	76.2	2.5	.2	.5	1.0			5	.4
77 TO 81	2.5	23.8	68.9	1.6	.1	.5	1.6	.3	.7	403	33.6
72 TO 76		44.4	52.8	2.8						756	63.0
67 TO 71										36	3.0
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LVR											
TOTALS	2.7	21.8	71.0	1.9	.2	.5	1.3	.2	.4	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ALL

MAY

JANUARY 1973-DECEMBER 1977

AGANA, GUAM

41406

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91											
82 TO 86											
77 TO 81											
72 TO 76											
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.1	16.5	57.2	10.7	6.0	1.2	.8	1.1	3.2	1239	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

ALL

JANUARY 1973-DECEMBER 1977

AGANA, GUAM

41406

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	1.5	3.0	50.0	19.4	3.0	1.5	4.5	50.0		2	.2
82 TO 86	1.9	4.4	64.4	22.7	2.3	.4	1.7	3.0	.8	67	5.6
77 TO 81	.9	11.7	59.5	16.4	5.2	.3	.5	1.3	5.1	475	39.6
72 TO 76			25.0	50.0	25.0			.5		652	54.3
67 TO 71										4	.3
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.3	8.3	61.6	19.2	4.0	.4	1.2	1.0	3.1	1200	100.0

NAVWEASERVCOM

5709 FREQ. AIR TEMP. VS. WIND DIR. J. 68

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41406
STATION

AGANA, GUAM

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

JULY

ALL

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ESE & SE	ESE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91	4.5	1.1	42.0	38.6	12.5	1.1	3.7	3.2	88	7.1
82 TO 86	2.7	7.2	49.6	21.4	7.2	3.2	3.2	3.2	401	32.3
77 TO 81	4.3	11.0	45.5	16.9	6.0	.8	1.6	13.0	729	58.8
72 TO 76		18.2	18.2	13.6	9.1	4.5		36.4	22	1.8
67 TO 71										
62 TO 66										
57 TO 61										
52 TO 56										
47 TO 51										
42 TO 46										
37 TO 41										
32 TO 36										
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	3.7	9.2	46.1	19.8	6.9	1.0	1.6	2.2	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

ALL

AUGUST

1977

1973-DECEMBER

JANUARY

1977

AGANA, GUAM

41406

STATION

HOURS (L.S.T.)

MONTH

YEARS

STATION NAME

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	4.2	4.2	30.5	35.8	10.5	4.2	7.4	3.2		95	7.7
82 TO 86	3.6	6.4	42.3	22.6	8.9	4.7	4.7	3.6	3.1	359	29.0
77 TO 81	2.7	8.2	31.9	16.2	14.9	6.3	4.7	2.1	13.0	752	60.6
72 TO 76	2.9	5.9	20.6	11.8	26.5	11.8	17.6		2.9	34	2.7
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.1	7.3	34.5	19.4	13.1	5.8	5.2	2.6	8.9	1240	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE
VS.

WIND DIRECTION

41406 STATION AGANA, GUAM JANUARY 1973-DECEMBER 1977 MONTH ALL
STATION NAME YEARS MONTH

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+										
117 TO 121										
112 TO 116										
107 TO 111										
102 TO 106										
97 TO 101										
92 TO 96										
87 TO 91	7.2	5.8	31.9	29.0	14.5	1.4	2.9	5.8	69	5.8
82 TO 86	4.9	8.6	38.5	12.5	13.2	2.7	10.8	3.7	408	34.2
77 TO 81	3.2	12.0	31.8	11.3	11.5	4.6	9.7	1.9	689	57.8
72 TO 76	7.7	3.8	7.7	38.5	11.5	11.5	7.7	11.5	26	2.2
67 TO 71										
62 TO 66										
57 TO 61										
52 TO 56										
47 TO 51										
42 TO 46										
37 TO 41										
32 TO 36										
27 TO 31										
22 TO 26										
17 TO 21										
12 TO 16										
7 TO 11										
2 TO 6										
-3 TO 1										
-8 TO -4										
-13 TO -9										
-18 TO -14										
-23 TO -19										
-28 TO -24										
-33 TO -29										
-38 TO -34										
-43 TO -39										
-48 TO -44										
-53 TO -49										
-58 TO -54										
-59 & LWR										
TOTALS	3.9	10.4	33.5	12.7	12.8	3.9	9.7	2.9	1192	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41406

AGANA, GUAM

STATION

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

OCTOBER

MONTH

ALL

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91	2.3	11.6	64.0	17.4	3.5			1.2		86	6.9
82 TO 86	4.8	9.4	53.0	16.6	8.1	.5	3.9	1.4	2.3	434	35.0
77 TO 81	2.9	16.5	48.2	15.1	6.3	.7	2.9	1.7	5.6	695	56.0
72 TO 76		20.0	32.0	28.0	12.0		4.0		4.0	25	2.0
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.5	13.8	56.6	16.0	6.9	.6	3.1	1.5	4.0	1240	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41406

STATION

AGANA, GUAM

STATION NAME

JANUARY 1973-DECEMBER 1977

YEARS

NOVEMBER

MONTH

ALL

HOURS (L.S.T.)

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91		14.3	57.1	21.4	7.1					14	1.2
82 TO 86	1.0	9.2	65.8	22.3	.8		.2	.4	.2	489	40.8
77 TO 81	2.5	14.2	61.2	14.3	2.6	.7	1.0	.3	3.0	677	56.4
72 TO 76	10.5	36.8	15.8	10.5	10.5	10.5	5.3	5.3	5.3	19	1.6
67 TO 71								100.0		1	.1
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	2.0	11.9	62.6	17.7	2.2	.6	.8	.4	1.9	1200	100.0

PERCENTAGE FREQUENCY OF AIR TEMPERATURE

VS.

WIND DIRECTION

41406

AGANA, GUAM

JANUARY 1973-DECEMBER 1977

DECEMBER

ALL

STATION

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96											
87 TO 91			100.0							4	.4
82 TO 86	1.2	16.2	74.8	7.4		.2	.2			408	41.1
77 TO 81	.9	24.2	67.3	5.6	.2	.2			1.6	553	55.7
72 TO 76	3.7	33.3	37.0	14.8	3.7				7.4	27	2.7
67 TO 71											
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	1.1	21.1	69.7	6.6	.2	.2	.1		1.1	992	100.0

NAVWEASERVCOM

PERCENTAGE FREQUENCY OF AIR TEMPERATURE VS.

WIND DIRECTION

41406
STATION

AGANA, GUAM

JANUARY 1973-DECEMBER 1977

ALL

ALL

STATION NAME

STATION NAME

YEARS

MONTH

HOURS (L.S.T.)

WIND DIRECTION

TEMP.	NNW & N	NNE & NE	ENE & E	ESE & SE	SSE & S	SSW & SW	WSW & W	WNW & NW	CALM	TOTAL FREQ.	% OF TOTAL
122+											
117 TO 121											
112 TO 116											
107 TO 111											
102 TO 106											
97 TO 101											
92 TO 96			50.0					50.0		2	.0
87 TO 91	3.9	6.3	45.9	27.7	9.2	1.3	2.8	2.4	.4	458	3.2
82 TO 86	3.0	13.5	59.3	13.9	4.2	.9	2.3	1.5	1.3	4745	33.1
77 TO 81	3.1	20.5	51.5	10.0	4.9	1.4	2.0	.9	5.7	8222	57.3
72 TO 76	3.7	30.6	47.5	5.2	4.1	1.5	1.2	.8	5.5	887	6.2
67 TO 71		32.4	51.4						16.2	37	.3
62 TO 66											
57 TO 61											
52 TO 56											
47 TO 51											
42 TO 46											
37 TO 41											
32 TO 36											
27 TO 31											
22 TO 26											
17 TO 21											
12 TO 16											
7 TO 11											
2 TO 6											
-3 TO 1											
-8 TO -4											
-13 TO -9											
-18 TO -14											
-23 TO -19											
-28 TO -24											
-33 TO -29											
-38 TO -34											
-43 TO -39											
-48 TO -44											
-53 TO -49											
-58 TO -54											
-59 & LWR											
TOTALS	3.1	18.4	53.7	11.5	4.8	1.2	2.1	1.2	4.1	14351	100.0

NAVWEASERVCOM

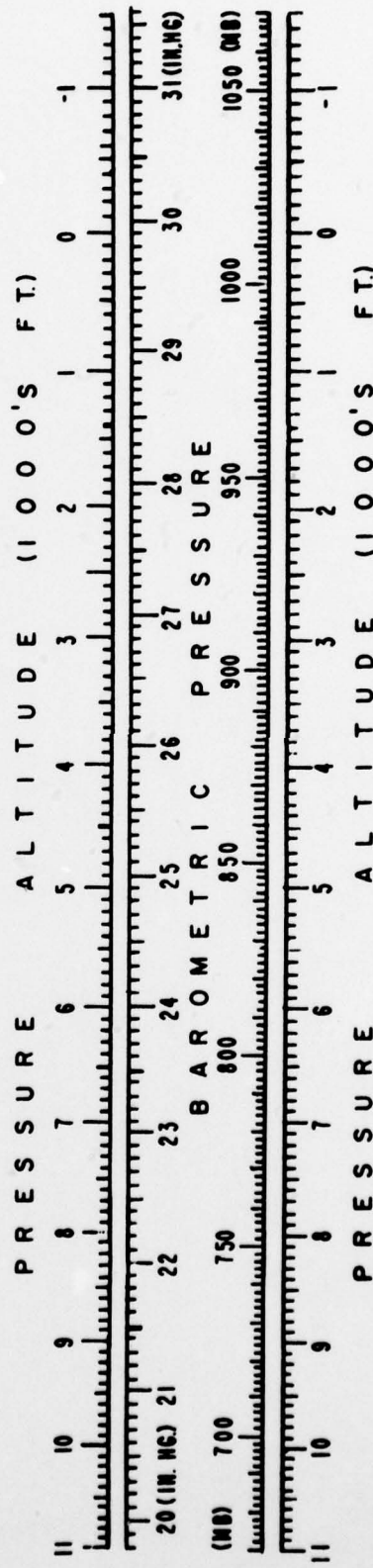
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

73-77

AGANA, GUAM

41406

HRS.(LST.)	MEAN S. D. TOTAL OBS	STATION NAME												ANNUAL
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.	
01	MEAN	29.550	29.574	29.563	29.553	29.536	29.540	29.517	29.502	29.502	29.502	29.498	29.536	29.531
	S. D.	.062	.063	.059	.050	.099	.036	.049	.072	.076	.053	.075	.037	.069
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
04	MEAN	29.518	29.541	29.534	29.529	29.511	29.519	29.488	29.474	29.473	29.475	29.469	29.503	29.503
	S. D.	.065	.064	.059	.051	.091	.038	.052	.074	.076	.054	.074	.040	.068
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
07	MEAN	29.550	29.573	29.567	29.560	29.540	29.543	29.513	29.495	29.499	29.507	29.502	29.537	29.532
	S. D.	.063	.064	.057	.051	.089	.038	.053	.074	.076	.054	.073	.037	.068
	TOTAL OBS	155	141	155	150	154	150	155	155	149	155	150	124	1793
10	MEAN	29.586	29.609	29.597	29.583	29.557	29.556	29.529	29.520	29.526	29.534	29.531	29.568	29.558
	S. D.	.062	.063	.056	.052	.093	.036	.050	.072	.073	.052	.069	.039	.069
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
13	MEAN	29.529	29.553	29.544	29.539	29.517	29.525	29.501	29.484	29.479	29.478	29.474	29.510	29.511
	S. D.	.062	.060	.056	.051	.124	.035	.050	.072	.077	.051	.070	.040	.072
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
16	MEAN	29.499	29.514	29.505	29.501	29.477	29.494	29.470	29.458	29.451	29.451	29.451	29.483	29.479
	S. D.	.061	.061	.060	.052	.161	.037	.052	.073	.078	.049	.073	.038	.081
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
19	MEAN	29.533	29.548	29.539	29.533	29.511	29.520	29.498	29.491	29.489	29.491	29.489	29.522	29.513
	S. D.	.060	.059	.056	.048	.164	.036	.049	.070	.080	.048	.077	.040	.077
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
22	MEAN	29.565	29.586	29.587	29.574	29.556	29.559	29.534	29.527	29.529	29.527	29.516	29.553	29.550
	S. D.	.060	.061	.056	.048	.123	.036	.048	.074	.078	.051	.099	.037	.073
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124	1794
ALL HOURS	MEAN	29.541	29.562	29.554	29.547	29.526	29.532	29.506	29.494	29.493	29.496	29.491	29.526	29.522
	S. D.	.067	.068	.064	.056	.127	.042	.054	.076	.080	.058	.080	.046	.076
	TOTAL OBS	1240	1128	1240	1200	1239	1200	1240	1240	1192	1240	1200	992	14351

MEANS AND STANDARD DEVIATIONS

5707 MEANS AND STANDARD DEVIATIONS JAN 68

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

73-77

41406 AGANA, GUAM

HRS.(LST.)	STATION NAME	YEARS											
		JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
01	MEAN	1011.1	1011.9	1011.5	1011.3	1010.6	1010.6	1009.9	1009.4	1009.4	1009.5	1009.3	1010.6
	S. D.	2.112	2.119	1.986	1.752	3.380	1.234	1.668	2.455	2.583	1.790	2.566	1.246
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
04	MEAN	1010.0	1010.8	1010.6	1010.4	1009.8	1010.0	1009.0	1008.5	1008.5	1008.5	1008.3	1009.5
	S. D.	2.186	2.155	2.010	1.732	3.116	1.270	1.765	2.489	2.565	1.836	2.490	1.327
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
07	MEAN	1011.1	1011.9	1011.7	1011.4	1010.8	1010.8	1009.8	1009.2	1009.4	1009.6	1009.5	1010.6
	S. D.	2.194	2.169	1.952	1.740	3.021	1.278	1.795	2.513	2.577	1.840	2.434	1.243
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
10	MEAN	1012.3	1013.1	1012.7	1012.2	1011.1	1011.3	1010.4	1010.0	1010.3	1010.5	1010.4	1011.7
	S. D.	2.118	2.143	1.911	1.780	3.167	1.249	1.726	2.437	2.354	1.753	2.344	1.307
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
13	MEAN	1010.4	1011.2	1010.9	1010.7	1009.9	1010.2	1009.4	1008.9	1008.6	1008.6	1008.4	1009.7
	S. D.	2.115	2.070	1.917	1.729	4.233	1.191	1.716	2.459	2.622	1.713	2.328	1.355
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
16	MEAN	1009.3	1009.9	1009.6	1009.4	1008.6	1009.1	1008.3	1007.9	1007.7	1007.7	1007.6	1008.8
	S. D.	2.087	2.062	2.012	1.771	6.174	1.219	1.764	2.458	2.664	1.648	2.522	1.285
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
19	MEAN	1010.5	1011.0	1010.7	1010.5	1009.8	1010.0	1009.3	1009.0	1009.0	1009.1	1009.0	1010.1
	S. D.	2.092	2.033	1.895	1.631	5.607	1.202	1.695	2.399	2.721	1.633	2.577	1.304
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
22	MEAN	1011.6	1012.3	1012.1	1011.9	1011.1	1011.4	1010.5	1010.3	1010.4	1010.3	1009.9	1011.1
	S. D.	2.072	2.079	1.917	1.630	4.219	1.220	1.644	2.418	2.653	1.732	3.376	1.283
	TOTAL OBS	155	141	155	150	155	150	155	155	149	155	150	124
ALL HOURS	MEAN	1010.8	1011.5	1011.2	1011.0	1010.3	1010.4	1009.6	1009.2	1009.2	1009.2	1009.0	1010.3
	S. D.	2.292	2.302	2.152	1.920	4.341	1.418	1.851	2.554	2.723	1.955	2.730	1.565
	TOTAL OBS	1240	1125	1240	1200	1240	1200	1240	1240	1192	1240	1200	992